

# GRAIN DEALERS' JOURNAL

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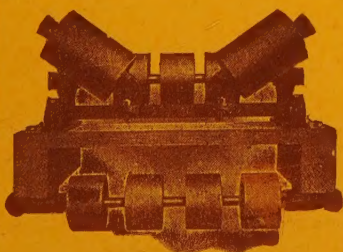
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## Directory of the Grain Trade

\*Member Grain Dealers National Association.

### AMARILLO, TEX.

Barly Grain & Elev. Co., whol. grain, hay, seed.

### ATCHISON, KANS.

Blair Elevator Co., receivers and shippers.

### ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.\*

### AUGUSTA, GA.

Lamb & Hollingsworth, flour, grain, provisions.

### BALTIMORE, MD.

Baltimore Commission Co., grain commission.  
Blackburn & Co., C. P., grain recvrs., exporters.\*  
Clark & Sons, Thos. S., grain receivers.\*  
England & Co., Chas., grain, hay.\*  
Fahey & Co., John T., gr'n receivers and expts.\*  
Frame Knight & Co., commission merchants.  
Gill & Fisher, receivers and shippers of grain.  
Hammond, Snyder & Co., Inc., receivers, expts.\*  
Max & Co., G. A., grain, hay, seeds.\*  
Herzer & Son, Gustav, grain, seeds, hay.  
Jones & Co., H. C., grain and hay.\*  
Kilwan Bros. Grain Co., grain and hay.\*  
Lederer Bros., grain receivers.\*  
Manger & Co., J. A., grain, seeds, hay.\*  
Muller Co., Louis, receivers and exporters.\*  
Pitt Bros. & Co., receivers and exporters.\*  
Robinson & Jackson, grain receivers.\*  
Stein & Bro., E., hay & grain.\*

### BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.\*

### BERNE, IND.

Egley, C. G., grain, hay and seeds.

### BINGHAMTON, N. Y.

Empire Grain & Eltr. Co., grain feed shippers.

### BLACKWELL, OKLA.

Heutke Bros., hay, grain and alfalfa meal.

### BLOOMINGTON, ILL.

Baldwin Grain Co., brokers.  
Hasenwinkle Grain Co., brokers.  
Slick & Co., L. E., buyers and shippers.

### BOSTON, MASS.

Benzaquin, Matthew D., grain, brokerage, com'n.  
Jordan, A. W., grain broker.  
McLean Alpine Co., The, hay and grain.  
Ranlet Co., The D. W., grain and millfeed.  
Ronald, Thos., grain broker, export and domestic.

### BOURBON, IND.

Dolp Grain Co., E. E., grain and mill feeds.

### BOZEMAN, MONT.

Benepe-Berglund Grain Co., Mont., oats & barley.

### BUFFALO, N. Y.

Alder-Stofer Grain Co., grain commission.\*  
Buffalo Cereal Co., grain.\*  
Churchill Grain & Seed Co., buyers, shippers.\*  
Eastern Grain Co., grain commission.\*  
Electric Grain Elevator Co., receivers and shippers.  
Harold, A. W., grain, barley a specialty.  
Heathfield, W. G., strictly commission.  
Irwin, Dudley M., barley.  
Pratt & Co., grain commission.\*  
Spann Grain Co., O. G., gn. com., bar'y a spec'ity.  
Townsend-Ward Co., grain commission.\*  
Waters, Henry D., grain commission.  
Whitney Eckstein Seed Co., seeds.

### BUSHNELL, ILL.

Cole, G. W., grain broker.

### CAIRO, ILL.

Antrim & Co., H. S., receiver and shipper.\*  
Halliday Elevator Co., corn, oats.\*  
Halliday Mfg. Co., H. L., soft, red winter wheat.  
Magee Grain Co., grain.\*  
Thistlewood & Co., grain and hay.

### CEDAR RAPIDS, IA.

Cedar Rapids Grain Co., receivers and shippers.

### CHAMPAIGN, ILL.

Baldwin & Co., H. I., grain brokers.  
Edwards, A. H., grain broker.  
Tankersley & Co., grain brokers.

### CHICAGO, ILL.

Anderson & Co., W. P., receivers & shippers.\*  
Armour Grain Co., grain buyers.\*  
Bailey & Co., E. W., grain commiss'n merchants.\*  
Barrall & Co., Finley, grain, stocks, provisions.\*  
Bennett & Co., Jas. E., receivers, shippers.\*  
Carhart-Code-Harwood Co., grain commission.  
Crighton & Laster, grain commission.\*  
Delany, Frank J., commission merchant.  
Dickinson Co., The Albert, seeds.  
Dole & Co., J. H., grain and seeds.\*  
Elmore, Squire & Co., receivers and shippers.  
Fitch & Co., Walter, W. K. Mitchell, Mgr.\*  
Fraser Co., W. A., grain commission.\*  
Freeman & Co., Henry H., grain, hay, straw.  
Garstenberg & Co., grain, seeds.\*  
Griffin & Co., J. P., grain commission.  
Hately Bros., grain and provisions.

### CHICAGO—Continued.

Holt & Co., Lowell, commission, grain and seeds.  
Hooper Grain Co., receivers, shippers.\*  
Lamson Bros. & Co., consignments solicited.\*  
Mann, G. S., seed bkr., field seeds, poultry grain.  
McKenna & Rodgers, commission merchants.\*  
Merrill & Lyon, commission merchants.\*  
Merritt Co., W. H., grain, seeds.\*  
Mumford & Co., W. R., hay & grain commission.  
Nash-Wright Grain Co., grain, prov., seeds.  
Paynter, H. M., grain and field seeds.  
Perrine & Co., W. H., grain and commission.  
Press & Co., W. G., grain, provisions, stocks, etc.  
Rang & Co., Henry, grain commission.  
Requa Brothers, grain commission.\*  
Rogers & Bro., H. W., grain and seeds.  
Rogers Grain Co., buyers and shippers.  
Rosenbaum Bros., receivers, shippers.\*  
Rumsey & Company, grain commission.\*  
Sawyers Grain Co., grain commission.\*  
Schiffin & Co., P. H., commission.\*  
Shaffer & Co., J. C., buyers and shippers.\*  
Sincere & Co., Chas., N. Y. stocks, Chicago grain.  
Somers, Jones & Co., grain and field seeds.\*  
Tayver & Co., Clarence H., commission.  
Udlike Commission Co., grain commission.\*  
Wagner Co., E. W., receivers and shippers.\*  
Ware & Leland, grain, seeds.  
Wilson & Co., B. S., grain commission.  
Wright & Co., Jno. F., commission merchants.

### CHICKASHA, OKLA.

Farrington, J. E., Seed House, seed corn.

### CINCINNATI, O.

Allen & Munson, grain, hay, flour.\*  
Bender, A., grain, brokerage & Com'n.  
Brown & Co., W. L., receivers and shippers.  
Cincinnati Grain Co., commission merchants.  
Early & Daniel Co., grain and hay.\*  
Ellis & Fleming, grain and hay.\*  
Gale Bros. Co., grain, hay, feed.\*  
Gray, Ralph, receiver & shipper.  
Loudon & Co., grain commission.  
Richter Gr. Co., grain, hay, flour and feed.  
Trent Milling Co., receivers & shippers.  
Van Leunen & Co., Paul, grain consignments.  
Whitcomb & Root, hay, grain and mill feed.

### CLEVELAND, O.

Abel Bros., hay, grain, feed.  
Bailey, E. I., grain and millfeed.\*  
Bennett, W. A., receivers grain, hay & millfeed.  
Cleveland Grain Co., The, receivers and shippers.\*  
Gates Elevator Co., grain, hay, straw.\*  
Sheets Bros., Eltr. Co., The, grain, hay, straw.  
Star Eltr. Co., receivers, grain, hay, straw.  
Strauss & Co., H. M., grain, seeds, hay.\*  
Union Elevator Co., grain, hay and salt.\*

### COLORADO SPRINGS, COLO.

Seldomridge Grain Co., grain dealers.

### COLUMBUS, O.

Felty, A., track buyer & shipper, grain & hay.  
Stritmatter, Edward, grain merchant.

### CRAWFORDSVILLE, IND.

Crabbs-Reynolds-Taylor Co., grain, seeds.\*

### CROWLEY, LA.

Lawrence Bros. Co., Ltd., grain, seed and feed.

### CUMBERLAND, MO.

Marley & Co., grain and hay distributors.

### DALLAS, TEX.

Moss, C. L., buyer and ship'r, grain, hay, millfeed.

### DANVILLE, ILL.

McConnell, R. B., grain dealer.

### DAVENPORT, IOWA.

Rothschild Grain Co., D., grain merchants.\*

### DECATUR, ILL.

Baldwin & Co., H. I., grain brokers.

### DENVER, COLO.

Ady & Crowe Mercantile Co., grain, hay.\*  
Crescent Mill & Eltr. Co., flour and grain.\*  
Longmont Farmers Mill & Eltr. Co., flour, grain.  
Scott, E. E., broker grain, cottonseed meal, bags.  
Thompson Merc. Co., W. F., hay and grain.

### DES MOINES, IA.

Lockwood Grain Co., B. A., grain & millfeeds.

### DETROIT, MICH.

Dumont, Roberts & Co., receivers, shippers.\*  
Hart Grain Co., recvrs. & shippers, grain beans.  
Hobart, H. M., grain, hay and millfeeds.\*  
Lapham & Co., J. S., recvrs. & shippers of grain.\*  
Simmons & Co., P. J., grain recvrs. & shippers.\*

### DILLON, MONT.

Dillon Grain Co., grain, flour, feed and hay.

### DIXON, ILL.

Forrest Utley Co., grain, millfeed and screenings.

### DULUTH, MINN.

Turle & Co., grain commission.

### EL RENO, OKLA.

El Reno Mill & Eltr. Co., grain buyers & shippers.

### EVANSVILLE, IND.

Small & Co., W. H., field seeds, grain and hay.

### FAIRBURY, ILL.

Keller, Emil, grain broker and track buyer.

### FORT WORTH, TEX.

Kolp, E. R. & D. C., grain and seed dealers.\*  
Terminal Grain Co., receivers, shippers.  
Werner Wilkens Grain Co., receivers & shippers.

### FRANKFORT, IND.

Frank & Co., Wm., grain brokers.

### GALVESTON, TEX.

Fordtran, J. S., grain commission merchant.  
Jockusch, Davison & Co., grain, hay exporters.  
Wisrodt Grain Co., wholesale grain eltr. facilities.

### GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.\*

### HARRISBURG, PA.

Harrisburg Feed & Gr. Co., grain, feed, hay.

### INDIANAPOLIS, IND.

Boyd, Bert A., The Indianapolis commission man.  
Coppock, J. E., grain and hay, car lots.\*  
Capitol Grain Co., grain commission.  
Hoosier Grain Co., specialty yellow corn.  
Jackson Grain Co., Cary, receivers & shippers.  
Jordan & Montgomery Co., wholesale grain.  
Kinney Grain Co., H. E., receiver and shipper.\*  
Minor, B. B., grain consignments solicited.  
Mutual Grain Co., grain commission.  
Stebbins-Witt Grain Co., commission & brokerage.

### JACKSON, MICH.

Sheldon, Willis E., track buyer of grain.\*  
Stockbridge Elevator Co., grain, beans, hay.\*

### JACKSONVILLE, FLA.

Wiggs & Co., W. A., hay, grain and mill stuffs.\*

### JACKSONVILLE, TEX.

Reinhardt & Co., grain, flour, hay and feed.

### KANSAS CITY, MO.

Adams Commission Co., receivers and shippers.  
Beach Grain Co., grain commission.  
Benton Grain Co., screenings and seeds.  
Christopher & Co., B. C., grain and seeds.\*  
Davis & Co., A. C., grain commission.\*  
Ernst-Davis Grain Co., commission.\*  
Fisher Com. Co., E. D., grain commission.\*  
Goffe & Carkener, recvrs. and shippers, of grain.\*  
Gregg Grain Co., Mason, commission merchants.  
Hinds & Lint Grain Co., receivers, shippers.  
Lichtig Gr. Co., Henry, screenings, kafir corn, feed.  
Logan Bros. Grain Co., grain commission.  
Moore-Seaver Grain Co., receivers and shippers.\*  
Moore-Lawless Grain Co., grain receivers.  
Moss Grain Co., barley a specialty.  
Murphy Grain Co., strictly commission.\*  
Norris Grain Co., grain merchants and exporters.  
Roehen-Cary Grain Co., grain, flour, millfeed.\*  
Steele & Co., H. H., grain and seeds.\*  
Thresher Puller Grain Co., grain commission.\*  
Vanderslice-Lynds Co., grain commission.

### KENTLAND, IND.

McCray, Morrison & Co., track buyers.\*

### LA FAYETTE, IND.

Heinmiller, F. G., track buyer of grain.

### LINCOLN, NEB.

Lincoln Grain Co., receivers, shippers.

### LITTLE ROCK, ARK.

Gordy Co., C. L., grain and millfeed brokers.  
Hayes Grain & Com. Co., grain, hay, millfeeds.

### LOUISVILLE, KY.

Bingham-Hewett Grain Co., recrs. & shprs, grain.\*  
Brandels & Son, A., receivers & shippers of grain.  
Callahan & Sons, grain.\*  
Edinger & Co., grain, hay, flour.  
Farmer & Sons, Oscar, hay and grain.  
Fruechtenicht, Henry, grain and hay.  
Schuff & Co., A. C., grain and hay.  
Thomson & Co., W. A., corn, oats & rye.  
Verhoeft & Co., H., receivers and shippers grain.\*  
Zorn & Co., S., grain.\*

### LYNCHBURG, VA.

Moon & Le Grand, grain and hay brokers.  
Owen & Jennings, brokers.

### MCGREGOR, TEX.

McGregor Mfg. & Gr. Co., Sante Fe, grn., seeds.



## Directory of the Grain Trade

\*Member Grain Dealers National Association.

### MEMPHIS, TENN.

Brown & Co., W. P., wholesale grain & hay.\*  
Buxton, E. E., broker and commission merchant.  
Davis & Andrews Co., grain dealers.\*  
Horton, J. B., & Co., grain and hay commission.\*  
Jones, Lee D., grain and hay commission.\*  
Jones & Rogers, grain dealers.\*  
McLaughlin Coal & Grain Co., grain and hay.\*  
Moon & Co., W. D., receivers and shippers.  
Patterson & Co., G. E., receivers and shippers.\*  
Rainer, Connell & McFadden, grain, hay, millfeed.  
Scruggs, Robinson & Co., grain, hay and mill f'ds.  
Wade & Sons, John, grain, hay and commission.\*  
Webb & Maury, grain and hay.\*  
Wyatt, E. W., grain and millfeed broker.

### MERCER, MO.

Alley-Staff Grain Co., oats, corn, wheat, seeds.\*

### MIDDLE POINT, OHIO.

Pollock Grain Co., grain, hay and straw.

### MILWAUKEE, WIS.

Bartlett & Son Co., L., grain commission.  
Bell & Co., W. M., grain and seeds.\*  
Coughlin Co., T. C., grain commission.  
Courtney S. G., field seeds.  
Deutsch Co., Herman, shippers grain, flour, feed.  
Dingwall Co., C. E., grain, feed and screenings.  
Donahue-Stratton Co., grain, feed, mlg. wheat.\*  
Fagg & Taylor, grain merchants.\*  
Frankie Grain Co., grain and feed.  
Johnstone & Templeton, grain commission.  
Kamm & Co., P. C., barley and rye.\*  
Lauer & Co., J. V., grain commission.  
Mereness & Potter Co., grain commission.  
Owen & Brother Co., grain commission.  
Owen & Co., O. C., grain commission merchants.  
Rialto Elvtr. Co., grain receivers & shippers.  
Stacks & Kellogg, grain merchants.  
Wissbeck-Grunwald Co., grain and feed.

### MINNEAPOLIS, MINN.

Benson-Newhouse-Stabek Co., grain commission.  
Brown & Co., E. A., commission.  
Cargill Commission Co., grain commission.  
Carter, Sammis & Co., grain commission.  
Davies & Co., F. M., grain commission.  
Fraser-Smith Co., grain commission.  
Gatchell-Tanton Co., grain commission.  
Gould Elevator Co., grain merchants.  
Hankinson & Co., H. L., grain commission.  
Marfield-Tease Co., grain commission.  
McCaull Dinsmore Co., consignments solicited.\*  
Minneapolis Seed Co., field seeds.  
Murf, George W., strictly grain commission.  
Nye, Jenks & Co., grain commission.  
Poehler Company, H., grain commission.\*  
Quinn Shepherdson Co., grain commission.  
Rihelddaffer Co., J. H., grain commission merchants.  
Turle & Co., grain commission.  
Van Dusen-Harrington Co., grain merchants.\*  
Welch Co., E. L., grain commission.  
Wernli-Anderson Co., grain commission.

### MONROE, O.

Kyle & Rodgers, buyers and shippers of grain.

### MONTGOMERY, ALA.

Dahlberg Brokerage Co., Inc., brokers and dealers.

### NASHVILLE, TENN.

Hughes Warehouse & Eltr. Co., grain.  
Rose, Caswell E., corn, oats, hay.

### NEWARK, N. J.

Smith & Wallace Co., J. C., receivers, shippers.

### NEW CASTLE, PA.

Hamilton, C. T., buyer & shipper grain, feeds, hay.

### NEW ORLEANS, LA.

Benedict Com. Co., Ltd., recvrs, shippers, expts hay & gr.  
Langenberg Hay & Grain Co., hay, grain, millfeeds.

### NEW YORK CITY.

Cushing & Brandt, grain commission, buyers.\*  
Forbell & Co., L. W., grain commission.  
Morey Co., L. A., grain brokers.\*  
Robinson, G. B., Jr., grain and millfeeds.  
Schwartz, E. F., brokerage and commission.\*  
Ulrichs & Hebert, grain commission and brokers.

### NORFOLK, VA.

Cofer & Co., J. H., wholesale grain.  
Scott & Co., Inc., S. D., wholesale hay & grain.

### OGDEN, UTAH.

Smurthwaite Co., C. A., revrs. & shpr., gr. & hy.

### OKLAHOMA CITY, OKLA.

Hanna Grain Co., grain, hay, seeds, alfalfa meal.  
Kolp, E. R. & D. C., grain and seed dealers.  
Perkins, W. L., grain and seed dealers.  
Robey Grain Co., R. E., grain broker.

### OMAHA, NEB.

Beal-Vincent Grain Co., receivers, shippers.\*  
Cavers Elevator Co., receivers and shippers.\*  
Crowell Lumber & Grn. Co., revrs., shippers.\*  
Holmquist Eltr. Co., receivers and shippers.  
Huntley Com. Co., receiver and shipper of grains.  
Hynes Grain Co., receivers and shippers of grain.  
Imperial Mfg. Co., grain consignments.  
Merriam Commission Co., consignments.  
Missouri Valley Elvtr. Co., grain merchants.  
Middle-West Elevator Co., receivers and shippers.  
Nebraska-Iowa Grain Co., receivers & shippers.\*  
Omaha Elevator Co., receivers, shippers.\*  
Roberts Grain Co., grain commission.  
Saunders-Westrand Co., shippers of grain.  
Thresher, E. R., grain broker.  
United Grain Co., grain commission.  
Weekes Grain Co., receivers and shippers of grain.  
Welsh Grain Co., grain and hay commission.

### PENSACOLA, FLA.

Bonacker Bros., brokers, grain, hay and millfeed.\*

### PEORIA, ILL.

Arnold & Co., F. W., grain consignments solicited.  
Buckley, Pursley & Co., grain and seeds.\*  
Dewey & Sons, W. W., grain commission.  
Feltman, C. H., grain commission.  
Miles, P. B. & C. C., grain commission.\*  
Runsey, Moore & Co., grain receivers.\*  
Tyng, Hall & Co., grain commission.\*

### PERRY, OKLA.

Perry Mill Co., wholesale dealers in grain.

### PHILADELPHIA, PA.

Baringer, M. F., grain and millfeed.\*  
Brazier, W. P., Mgr., Finley Barrell & Co.  
Clemmer, A. B., grain and feed broker.\*  
Delp Grain Co., E. E., grain and millfeeds.\*  
Dunwoody Co., Ezl., flour, grain, feed.\*  
Fraser, C. C., grain and feed broker.  
Lemont & Son, E. K., hay, grain millfeed.\*  
Miller & Sons, L. F., grain, seeds, hay.\*  
Pulz & Co., J. B., grain and feed.\*  
Richardson Bros., grain, flour, millfeeds.\*  
Rogers & Co., E. L., grain, hay.\*  
Standard Hay & Grain Co., grain, hay & straw.  
Stites, A., Judson, grain and millfeed.

### PIQUA, OHIO.

Spencer & Miller, grain, feed and seeds.

### PITTSBURG, PA.

Elwood & Co., R. D., hay and grain.  
Foster, C. A., grain, hay, feed.\*  
Geldel & Dickson, grain and hay.  
Hardman & Heck, grain, hay and millfeed.  
Heck & Co., W. E., grain, hay and millfeed.  
Herb Bros. & Martin, grain, hay and feed.  
McCaffrey's Sons Co., Daniel, hay, grain, millfeed.  
McCague, R. S., grain, hay.\*  
Smith & Co., J. W., grain, hay, feed.  
Stewart, D. G., & Geldel, grain, hay and feed.  
Walton Co., Sam'l., grain and hay.

### PLAINVIEW, TEX.

Cobb & Elliott Grain Co., grain, seeds, coal, etc.

### PUEBLO, COLO.

Cessna Gr. & Flour Co., P. A., grain, hay & flour.  
McClelland Mct'l I. & R. Co., grain, hay & feed.

### RICHMOND, VA.

Fairbank & Co., S. G., grain, hay, seeds.

### SAN ANTONIO, TEXAS.

Lupton, R., whol. grain & cottonseed products.

### SIOUX CITY, IOWA.

Fahlenkamp Grain Co., A., grain commission.  
Fields & Slaughter Co., grain, hay and feed.  
Interstate Grain Co., buyers and shippers.

### ST. JOSEPH, MO.

Gordon Comm. Co., T. P., grain dir. and broker.\*

### ST. LOUIS, MO.

Adams Commission Co., G. A., grain commission.  
Botto Grain Co., Jno. V., receivers & shippers.  
Carlisle Comm. Co., S. S., receivers and shippers.  
Connor Bros. & Co., grain.\*  
Eaton, McClellan Com. Co., grain and hay.  
Goffe & Carkener Co., grain commission.\*  
Green Commission Co., W. L., grain.\*  
Kennedy Grain Co., receivers, shippers.  
McClelland & Co., F. M., grain and hay.  
Morton & Co., grain, hay and seeds.  
Mullally Com. Co., John, grain, hay, seeds.\*  
Nanson Commission Co., grain commission.\*  
Pendleton Grain Co., grain merchants.  
Picker & Beardsley Com. Co., grain & grass seed.\*  
Powell & O'Rourke, receivers, shippers.\*  
Toberman, Mackey & Co., consignments solicited.

### TERRE HAUTE, IND.

Kuhn & Co., Paul, receivers and shippers.\*

### TOLEDO, O.

DeVore & Co., H. W., grain and seeds.  
Goemann Grain Co., grain buyers.\*  
King & Co., C. A., grain, clover seed.\*  
Southworth & Co., grain commission.\*  
The Toledo Field Seed Co., clover, timothy.  
Wickenhiser & Co., John, revrs. & shippers. of gr.  
Zahn & Co., J. F., grain, seeds.\*

### TOPEKA, KAN.

Jolley & Blanchard, grain merchants.

### TORONTO, ONT.

Steele, Briggs Seeds Co., Ltd., field seeds.

### TRINIDAD, COLO.

Bancroft-Marty Feed & Produce Co., hay & grain.

### TULSA, OKLA.

Binding-Stevens Seed Co., grain and seeds.

### TYRONE, PA.

Miller's Sons, John H., receivers and shippers.

### WASHINGTON, D. C.

Anderson, E. M., grain brokers and millers agent.  
Clifton & Co., C. E., flour, grain and hay.  
Craig, J. V., hay and grain broker.\*

### WASHINGTON COURT HOUSE, OHIO.

Lloyd, C. E., shipper of kiln dried corn.

### WICHITA, KANS.

Baldwin-Barr Gr. Co., receivers and shippers.  
Hastings & Co., grain brokers.  
Independent Grain Co., grain commission.  
Kelly Bros. Grain Co., commission and brokerage.  
Martin Grain Co., W. S., grain and seeds.  
Roth Grain Co., grain and commission.  
Thompson Grain Co., H. C., grain merchants.  
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We Handle  
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Elevator Capacity 500,000 Bushels



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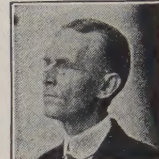
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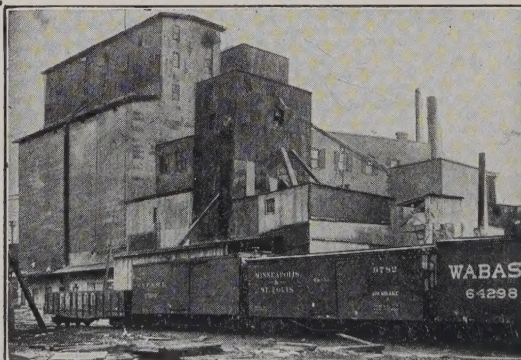
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We have the facilities, the experience  
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762 to 772 Brandeis Building, OMAHA, NEBRASKA  
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Call us up for Quotations

Established 1869 Incorporated 1885  
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PAID UP CAPITAL, \$400,000  
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We buy and sell Grain, Sack Grain,  
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The other fellow always consigns us  
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Good service and quick returns.

"Then do we get that next car?"

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Our facilities for handling your orders are the best.

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**LET US HANDLE THAT NEXT CAR**  
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Correspond with us. Think it will pay you.  
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**QUALITY**  
**INFLUENCE**  
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Is a record book designed to afford ready reference to the entry or record of any car number. Facing pages 11x14 1/2 inches of heavy ledger paper are each ruled into five columns, those on the left-hand page being numbered 0, 1, 2, 3 and 4; while columns on the right-hand page are numbered 5, 6, 7, 8 and 9. Each column is ruled into three distinct divisions with the following sub-headings: "Initial," "Car No." and "Record."

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Send us a car when shipping others.By comparison you will find  
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We also handle all grades of chicken feed wheat  
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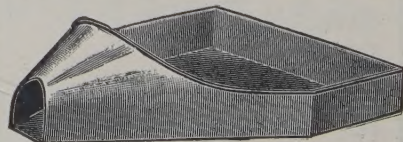
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Made of Aluminum, strong, light and well made.  
Will not Rust or Tarnish.  
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We are gratified that the personal attention we give our customers' transactions is recognized, and increased business has been our reward.

We hope to merit the confidence of our friends in the future, and promise them the best we have

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Best facilities insure the fullest returns on **SHIPMENTS** made to

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U. S. YARDS  
Established 1872

**Hooper Grain Co.**  
**OAT**  
**SHIPPERS**  
Operate Atlantic and Grand  
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J. Herbert Ware  
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**CONSIGN**  
your Grain and Seeds, and  
send your orders for **GRAIN,**  
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Your Interests Are Our  
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FOR every cause under the sun  
There is a reason or there is none.

Grain dealers noting a difference in the service, which is good prices and prompt returns

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Your name in gilt letters on front cover, 25c extra.

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That's it, it's the sudden stops. There are no sudden stops in results when

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Special and Personal Attention Given to  
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Solicit a Share of Your  
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PERSONAL ATTENTION ASSURED.

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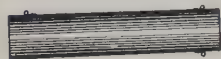
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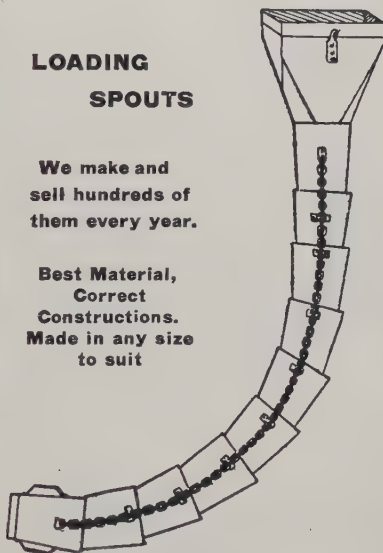
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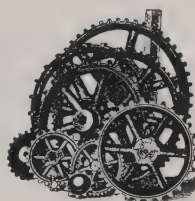


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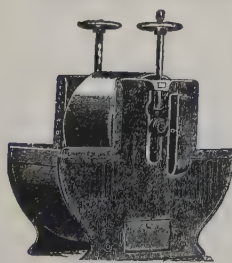
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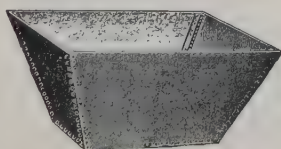
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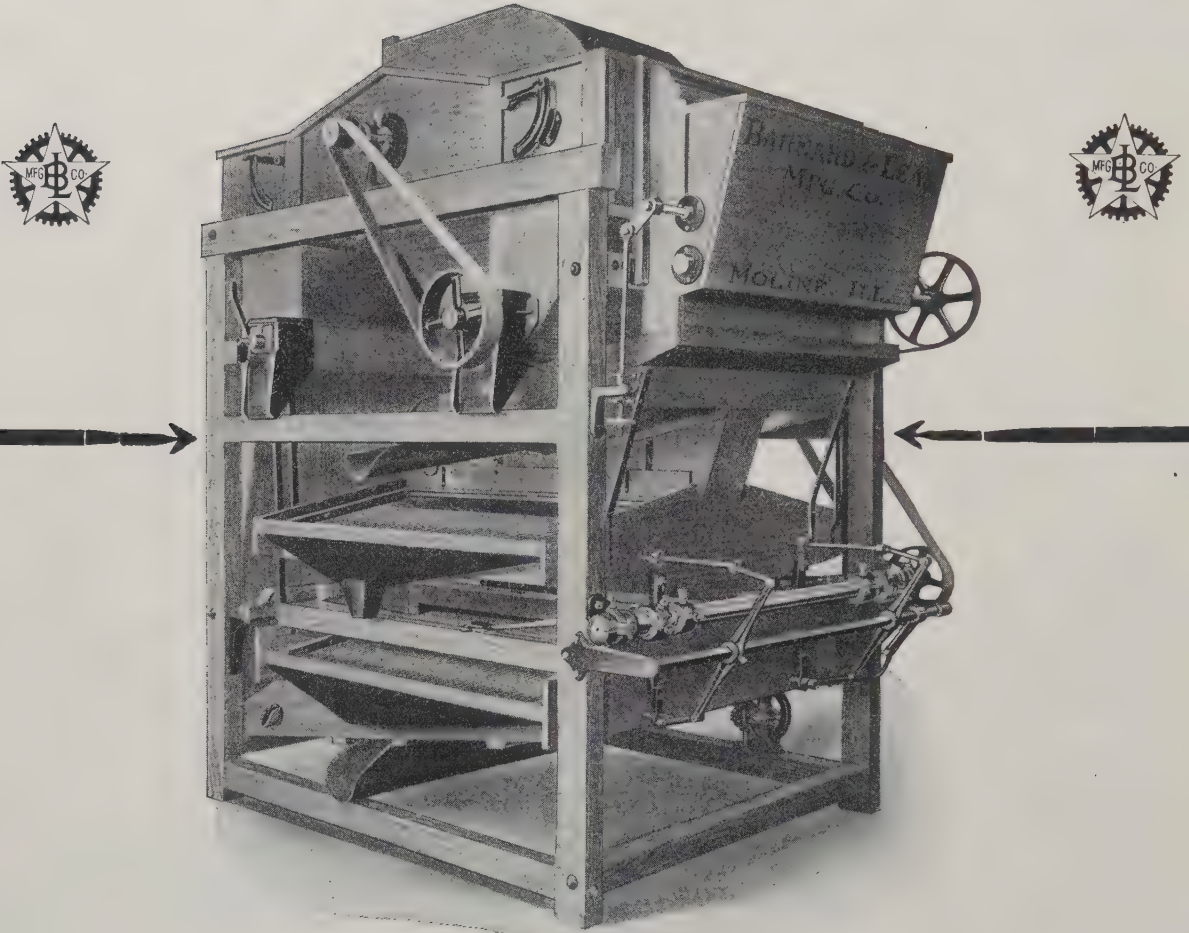


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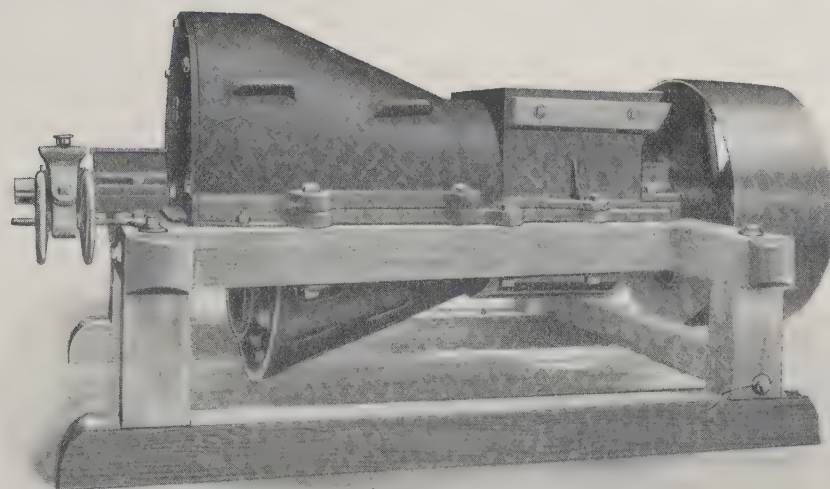
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# Nothing Better for Corn



## The Victor Corn Sheller and Cornwall Corn Cleaner

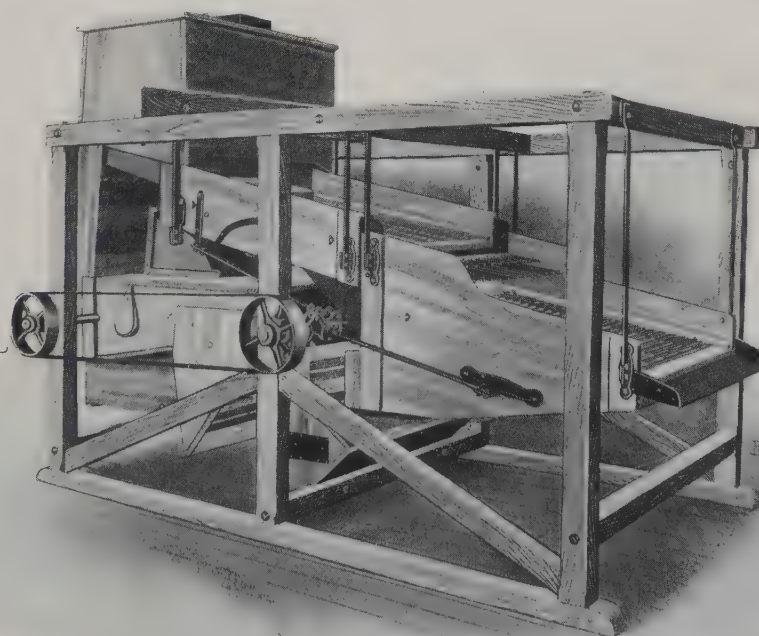
have long been the standard machines for preparing corn for market. There are more of them in use and with better results than those of any other make.

**The Victor Corn Sheller** has large capacity, is efficient and durable. It is adjustable while running and has conveyor feed.

**The Cornwall Corn Cleaner** has a double row of steel rods for separating the corn from the cobs and husks. Is equipped with our patent finger sieve which cannot clog. Has divided shaker, two air separations and the latest style feeder.

Both machines are fully described in our latest circular.

We make a complete line of Grain Cleaning, Cereal, Feed, Malt and Cement Mill machinery and supplies.



## Barnard & Leas Mfg. Co., Moline, Ill.



## FREE AFTER 60 DAYS

It's the same story over and over again. We read it in the letters we receive nearly every day.

Coopertown, N. D. 8/5/'11.

"No elevator taking in oaty wheat can afford to be without a RICHARDSON OAT SEPARATOR, as they get results that cannot be had from any other machine, and **pay their total cost every sixty days**, from the **extra better** work they do."

**So writes the FARMERS ELEVATOR CO.**

By F. L. Barkee.

This is the verdict of every user. The only reason **all Grain Elevators** and **Flour Mills** do not have a Richardson, is because they do not investigate and compare results. They do not realize the perfect work they do.

*The Richardson is different from all others.*

**The Richardson WILL MAKE You Money**  
**Free After 60 Days. Investigate.**  
**GRAIN SEPARATOR CO.**  
**SPARTA, WISCONSIN.**

## Read What One User Says

And if interested, write us, and we will tell you the name and where you can go see this machinery working. See cut below.

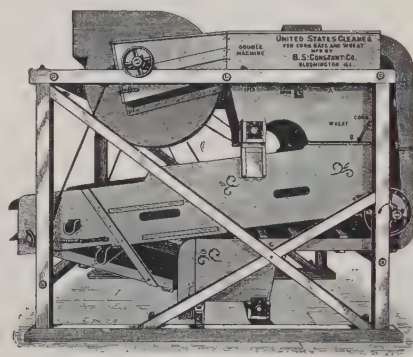
February 4, 1911.

Sirs:—The Double U. S. Cleaner we purchased of you some time ago is giving the best of satisfaction and is ahead of any cleaner I have had anything to do with, and that includes quite a number of different makes. There is but very little vibration, and I feel confident that we will not have any trouble with the Eccentric Boxes that is so common with any rapid moving Eccentric Shaft. Once thru cleans the grain ready for the car. Your arrangement for separating corn from wheat is fine, and I wonder why someone had not stumbled on to the idea long before this. I am satisfied that we will not use any other cleaner, unless you should improve on this, and I believe it impossible to get a machine that can do the work any better than this one.

We also have one of your Fan Discharge Corn Shellers and your Chain Grain Feeders which make a very complete outfit.

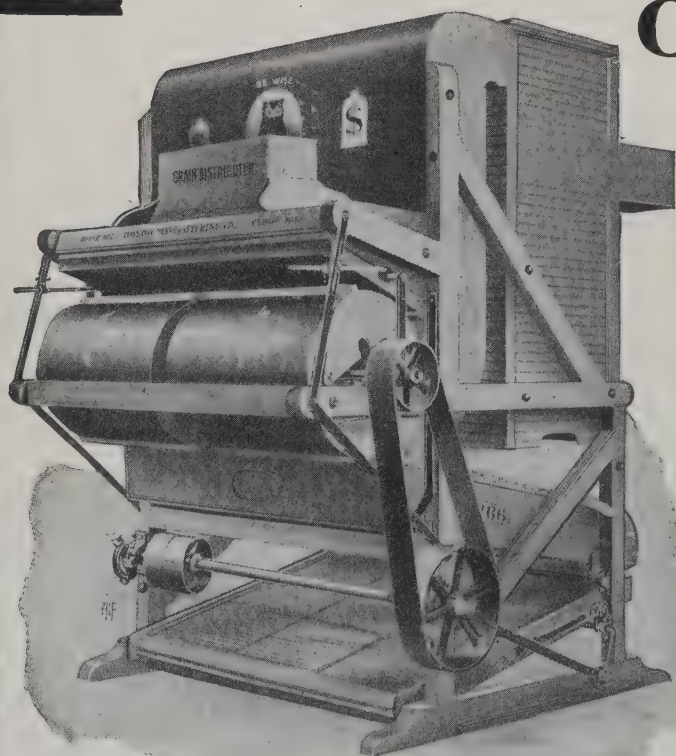
Yours truly,

*Name furnished on request.*



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Constant  
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**FOR  
QUALITY**

# "We Got One Cent Over the Market On This Durum,"



writes the Atwood-Larson Company to the Farmers' Elevator Co., of Lonetree, N. D. They further state they have never seen better wheat than that shipped them by the Lonetree Company.

This particular Durum, as well as all the grain shipped by the Lonetree Farmers' Elevator was cleaned on the

## NEW PROCESS Grain Cleaner & Separator

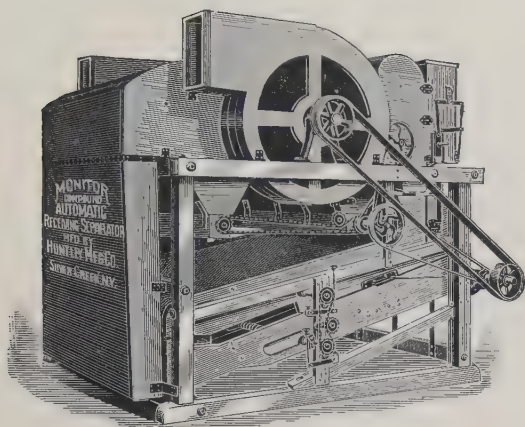
Now we are willing to ship the "New Process" to anyone interested in a cleaner on 30 days' trial and guarantee that it will separate and clean the most difficult mixture of grains better for commercial purposes than any other cleaner on the market. We will further include with our regular equipment our

### Special Seed Grain Equipment FREE

Let us hear from you on this proposition. You don't take any chances, and if you are looking for the best, you should send for our catalogue and learn particulars and prices.

**Fosston Manufacturing Co.,**  
 Merriam Park, (St. Paul) Minn.





# MONITOR

**AUTOMATIC  
RECEIVING SEPARATOR**

**THE NEWEST IN  
GRAIN CLEANERS**

## IT CLEANS GRAIN CLEANER

The cleaning of all kinds of grain is reduced to a science—every operator master of all cleaning problems. Absolutely accurate screen and air separations. Ease of regulation and perfect control for every hour's work—takes care of itself. No "skips" or "misses"—no poorly cleaned lots. Cleaning work no other separator will perform is what we guarantee; you are allowed 30 days' trial.

## IT CLEANS GRAIN CHEAPER

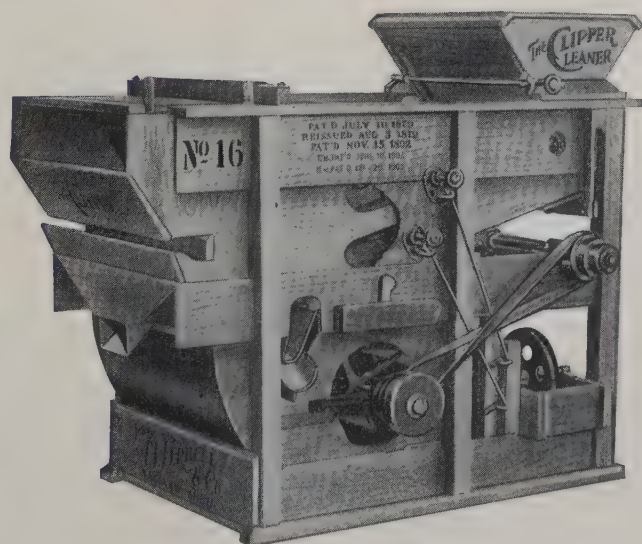
An actual saving on every bushel of grain cleaned. Will create a saving over your present rate of shrinkage loss—a big feature. Is light running, requires less power than other cleaners which cannot equal its work. Operator's services are lessened; this machine does not require constant attendance to produce perfect results. Yearly cost of maintenance reduced.

## UNLIKE ALL OTHER CLEANERS

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# The No. 16 Clipper Seed and Grain Cleaner



This is a first class Cleaner of medium capacity that will make any separation that can be made on our largest and most expensive machines

It has Traveling Brushes on the screens and Special Air Controller. These two devices make it possible to separate any two kinds of seeds or grains that are not of exactly the same size or weight. The Brushes keep the screens from becoming choked and the Air Controller regulates the blast to exactly the proper strength to blow out light or blasted clover without blowing out good seed, or to blow out light or chaffy grain from the plump, heavy grain when grading for seed purposes.

*This machine is light running, well made, nicely finished and guaranteed to give satisfaction. Catalog and full description furnished on request.*

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**SAGINAW, W. S.**

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Heavy  
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↓  
*Double  
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and  
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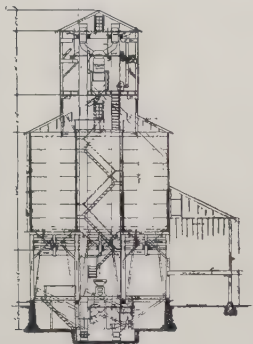


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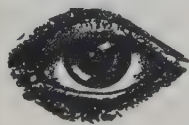
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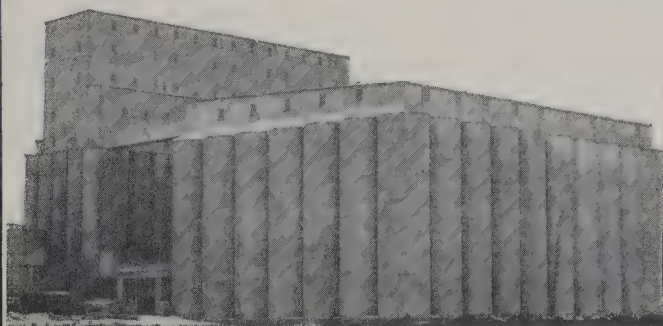
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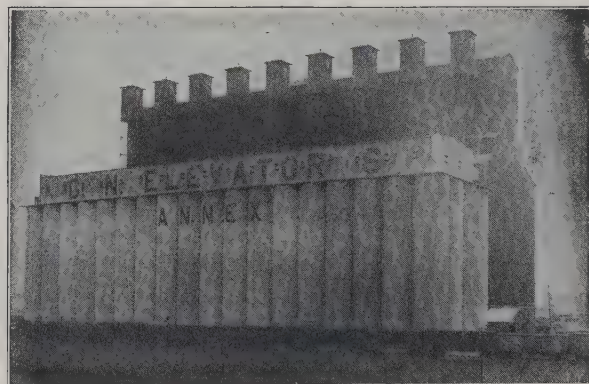
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South Bend, Indiana**FEED MILLS****BIG CAPACITY  
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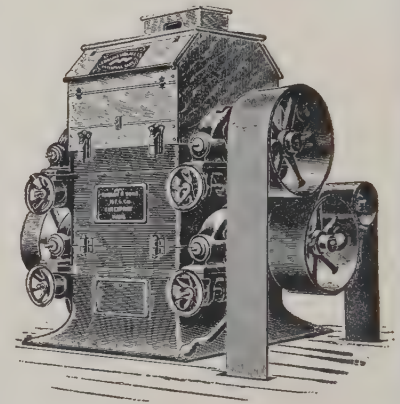
But that isn't the only advantage of this Ehrsam Two and Three-High mill. It's made of finest materials for strength and long service. Frame is all cast iron—and arranged so that rolls can easily be removed for grinding and corrugating. Don't decide on any corn and feed mill till you get all the facts about the

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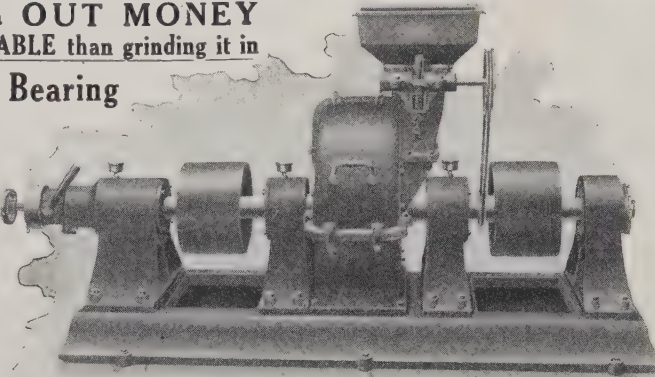
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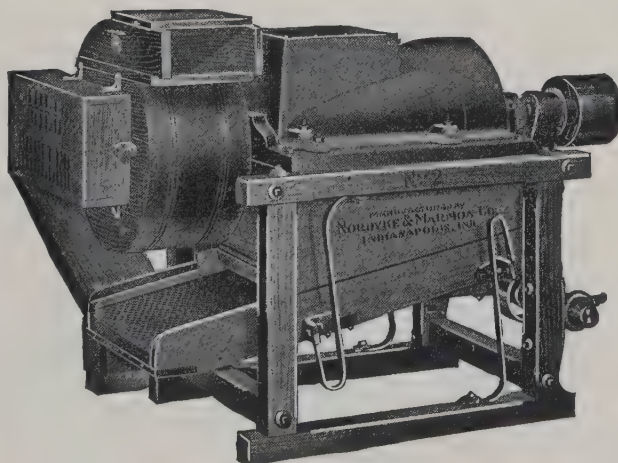


Monarch Ball Bearing Attrition Mill.

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efficient combined machine of small capacity on the market. Built in two sizes, 40 to 100 bushels capacity. Send for Catalog 568.

Our line includes mill and elevator supplies of all kinds, power connections, grain handling appliances and many special machines for mills and elevators.

Estimates cheerfully furnished.

**NORDYKE & MARMON CO.****America's Leading Mill Builders**

Established 1851.

**INDIANAPOLIS, IND.**



## CYCLONE BLOW PIPE CO.

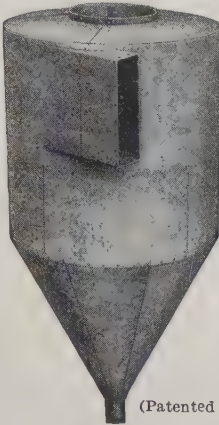
IMPROVED

Cyclone Dust Collectors, Automatic Furnace Feeders, Steel Plate Exhaust Fans, Exhaust and Blow Piping.

Complete systems designed, manufactured, installed and guaranteed. Old systems remodeled on modern lines on most economical plans. Supplementary systems added where present systems are outgrown. Defective systems corrected and put in proper working order.

High and Low Speed Systems

1001-1015 W. 21st St., cor. Morgan St. CHICAGO, ILL.



(Patented)

"The per cent of loss saved by the '1905' over the old 'Cyclone' is from 71 1/2% to 80%. These losses are due to dust collector friction and take into consideration nothing but the Collector."—The Mechanical Engineering Dept., University of Michigan.



THE

## "New Cyclone 1905"

Manufactured Exclusively by

The Knickerbocker Co. JACKSON, MICH.

## SECOND-HAND

Shellers, Cleaners, Clippers, Scales, Feed Mills, Steam Engines, Boilers, Gasoline Engines, Belting, Buckets, Conveyors or any other elevator machinery can be bought or sold quickly by placing an ad. in the "Wanted" or "For Sale" columns of the

GRAIN DEALERS JOURNAL  
OF CHICAGO.



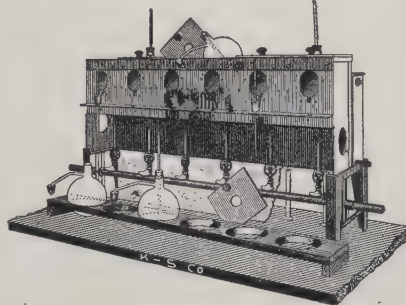
## CAR-LINING BURLAP

To prevent leakage of grain, line cars with "Milwaukee Burlap"—it will save you dollars and trouble. Write for prices and samples.

MILWAUKEE BAG CO., Milwaukee, Wis.



## ELEVATOR MEN TAKE NOTICE



Install a Brown & Duvel Moisture Tester. The cost is so small that the saving on one car will pay for it. Then it belongs to you for all time. Built especially for your needs.

Anybody can operate it. We give you a certificate absolutely guaranteeing that it will register perfectly.

Adopted as standard by the U. S. Government.

Write today—if you would progress tomorrow.

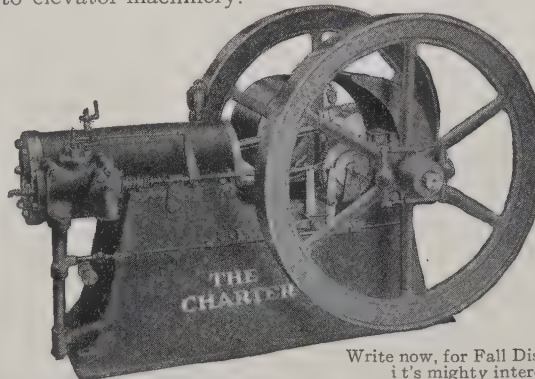
Department of Laboratory Supplies

404-410 West 27th St., New York, U. S. A.

The Kny Scheerer Co.,

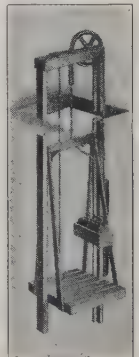
## Seizing Today's Opportunities, is Putting Both Hands on Tomorrow's Success

We are offering an excellent opportunity to elevator owners who are contemplating the installation of a Charter Gas Engine, or any article pertaining to elevator machinery.



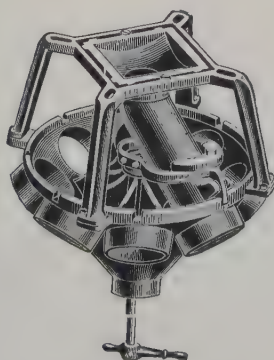
You can trade in your old engine for a new one, by stating in letter to us, make, size and service of your gas engine.

"SUCCESS" SAFETY MANLIFT. CHARTER GAS ENGINES. ELEVATOR BOOTS. BIRCHARD DISTRIBUTING SPOUTS. ELEVATOR MACHINERY.



Write now, for Fall Discount List—it's mighty interesting.

HASTINGS FOU DRY & IRON WORKS - - Hastings, Nebraska



The success of the

## Hall Distributor

is undoubtedly due to the fact that it was never built to meet a price.

A successful machine came first; price second.

## HALL SPECIAL

(ELEVATOR LEG)

transports perpendicularly two bushels of grain, where one was transported before. It is therefore an economical achievement of great moment.

It achieves yet more, because it does it better; does it easier; does it quicker.

You get this benefit without cost.

It costs less to install—operate or maintain.

It earns more; requires less attention; less expense.

It works regularly, constantly, rhythmically and safely.

It is a scientific, harmonious, orderly system, of mechanical operation.

Its economic and scientific merits, place it in a new class, unrivalled and unapproached in mechanical excellence.

Hall Distributor Co., 222 Ramge Bldg., Omaha, Neb.



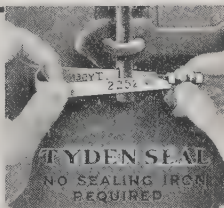
**M. M. BAKER & CO.**100 to 110 Harrison Street  
PEORIA, ILL.**Belting Packing**

Hose, Chain, Wire Rope

Elevator Supplies

PROMPT SHIPMENTS

144 page catalogue sent on request

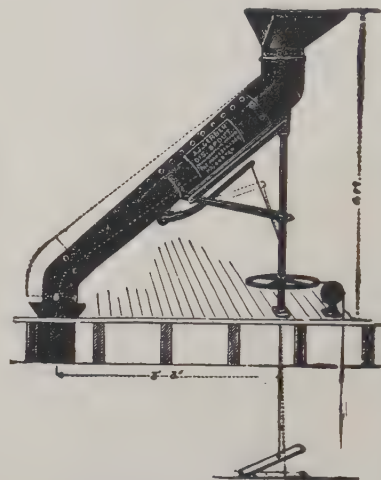
**Claim  
Losses  
Prevented**by **TYDEN SELF-  
LOCKING CAR  
SEALS** bearingyour name and consecutive numbers.  
Thousands of shippers use them.  
Write for samples and prices.**INTERNATIONAL SEAL & LOCK CO.**Chas. J. Webb, Gen'l Sales Agent,  
617 Railway Exchange Building, CHICAGO, ILL.**The Automatic  
Dump Controller**This machine can be attached  
to old or new drop dump, with  
but small expense.Absolutely automatic, out of  
the sink, and requires no atten-  
tion. Has control of the dump  
from the time the trigger is  
pulled until it settles entirely  
down.Its using oil for a cushion  
makes it self lubricating.There are hundreds in use over  
the entire grain section.Our list of testimonials, and  
numerous duplicate orders is con-  
clusive evidence of their value.

Satisfaction guaranteed.

For descriptive circular  
and list of users, write**L. J. McMILLIN**

Board of Trade Bldg.

Indianapolis, Ind.

**GOOD EQUIPMENT**is the cheapest—it will give satisfac-  
tion at all times, and can be depended  
upon when wanted most.The **Gerber Improved Distributing  
Spouts** are made by skilled workmen,  
from the best of material. They have  
a reputation to sustain and must be  
right. Our largest customers are the  
ones who have bought from us for  
years. They know if GERBER  
ships it it is right.I make a Specialty of Elevator and  
Mill Spouting Write for Particulars**J. J. GERBER,**MINNEAPOLIS,  
MINN.**Did You Ever Need a Repair for Your Car Loader in a Hurry**

only to find out that the people who made the machine are either out of business or don't have the repairs in stock? You don't have trouble of that nature if you use a BOSS Loader because we carry all repairs in stock even for the ones we sold more than ten years ago.

We are within four blocks of three express offices and orders

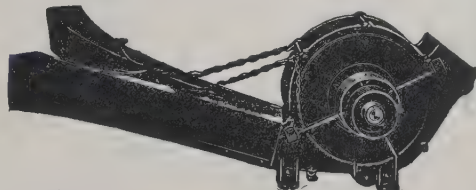
don't have to go through a lot of routine so that  
when it is necessary to catch a certain train we have  
the repairs at the express office inside of 15 minutes  
after the order reaches us. Freight orders also are  
filled the day they are received.That our customers appreciate this is shown by  
the letters we are receiving of which the following  
is a sample:

"Hartsburg, Ill., May 8, 1911.

MAROA MFG. CO.

Enclosed find check for \$12.50 in payment for  
invoice of May 2nd. Accept our thanks for your  
promptness."

LARKIN G. NALL.

We also carry complete machines in all sizes  
and ship the day the order is received.Dept.  
3**Maroa, Ill.****Maroa Manufacturing Co.,****YOU**Can find no present more  
acceptable to the progressive  
grain dealer than a paid up  
subscription to the Grain Deal-  
ers Journal.**5 REASONS**

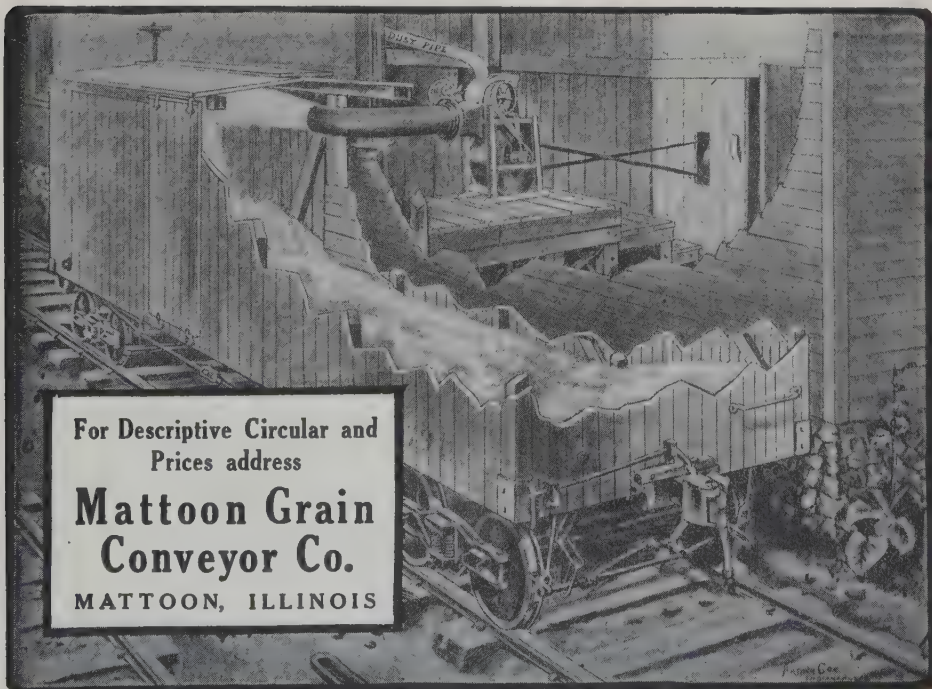
why you should install a

**COMBINED**

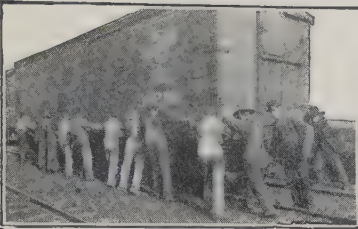
Grain Cleaner and Pneumatic

**CAR LOADER****FIRST** and most **IMPORTANT**—It is impos-  
sible for it to crack or mill the grain.**SECOND**—It will fill the largest cars to full  
capacity, without any labor in the car.**THIRD**—It is strong and durable, automatic  
in its action, and requires no attention after  
starting.**FOURTH**—The constant moving of the pneu-  
matic tube as it loads the grain, prevents any  
accumulation of dust or dirt in the center, or  
any other part of the car, thereby avoiding  
heating, and "off" grades.**FIFTH**—It cools and dries the grain as it  
passes through the current of air.For Descriptive Circular and  
Prices address**Mattoon Grain  
Conveyor Co.**

MATTOON, ILLINOIS







THE OLD WAY

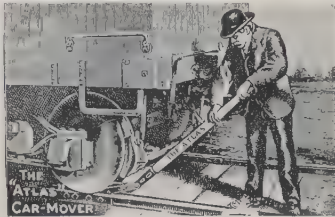
**One Man** with an ATLAS can easily move a loaded one.  
**Appleton Car-Mover Co.**  
Appleton, Wis.

## The Atlas Car-Mover

will pay for itself daily and last for years.

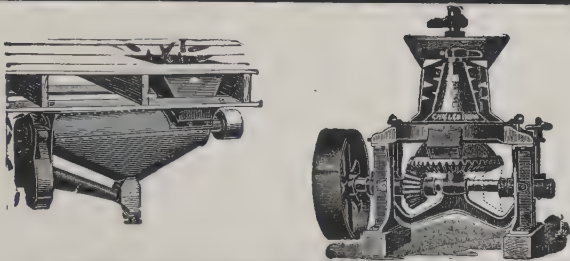
Twelve men with a crowbar can hardly move an empty car.

THE NEW WAY



THE ATLAS CAR-MOVER

## Triumph Corn Sheller and Crusher



**THE C. O. BARTLETT & SNOW CO.**  
CLEVELAND, OHIO, U. S. A.

## The Everlasting Roof

That is what this roofing has been called by those who use it, because it is practically indestructible. It makes any building immune against every enemy that can attack a roof.



## J-M Asbestos Roofing

is a combination of the famous Asbestos (rock) fiber and the great weather-proofer, Trinidad Lake Asphalt. Fire, time or weather cannot affect it.

The quality of its service and durability place it in a class by itself. No other roofing can compare with it.

It will stand fire tests for any length of time that would destroy in a few minutes any of the so-called fire-resisting roofings.

J-M Asbestos Roofing never requires painting, graveling or repairing.

If your dealer doesn't happen to have J-M Asbestos Roofing in stock, we'll sell you direct from our nearest Branch. Write for samples and Catalog 303.

**H. W. JOHNS-MANVILLE CO.**

Manufacturers of  
Asbestos and  
Magnesia Products

**ASBESTOS**

Asbestos Roofings  
Electrical Supplies  
Packings, Etc.

Baltimore  
Boston  
Chicago  
Cleveland

Dallas  
Detroit  
Kansas City  
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Milwaukee  
Minneapolis  
New Orleans  
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1255



As a Roofing and Siding for Grain Elevators

A building covered with

Ready-To-Lay

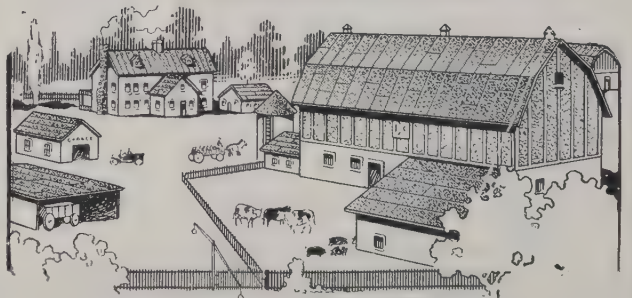
# Burmite

(REG. U. S. PAT. OFF.)

Let us send you free of all charges and obligation, our Booklet, "Burmite Quality Counts," Samples and Advertising Literature.

## PROTECT YOUR BUILDINGS FROM SPARKS!

Losses aggregating millions of dollars annually are caused by flying sparks from locomotives, chimneys and forest fires.



As a Roofing and Siding for Farm Buildings of every description.

is absolutely **spark-proof**. A recent test, in which a red hot coal was placed on the slate-surfaced "Burmite" Material, and allowed to remain there until it cooled, very clearly proved this.

"Burmite" is the outcome of years of experience in manufacturing a material for ROOFING and SIDING Residences, Business and Factory Buildings, Elevators, Mills, Barns, Garages, etc., of every description—be they NEW or OLD, of any kind of construction. It is unconditionally **Guaranteed for 10 Years without Coating or Painting.**

USE THIS COUPON

**Birmingham & Seaman Co.**

Roofing Manufacturers CHICAGO

General Offices: 1208-26 Tribune Building

Plant: 56th, Armitage and Grand Avenues

DISTRIBUTORS OF BEAVER ROAD

Birmingham & Seaman Co., Tribune Bldg., Chicago  
Mail to my address, as above, Samples and Booklet. This places me under no obligation.

Name .....

No. and Street .....

Town..... State.....

# DO YOU

GRAIN DEALERS JOURNAL,  
Chicago, Ill.

Gentlemen:—Herewith is draft covering Help Wanted adv. in your classified column. This adv. certainly **Produced Results**, as we are having answers from all wheat growing sections of the United States. Yours truly,

THE RUSSELL MILLING COMPANY

Russell, Kansas, 6-2-11.

# NEED HELP



**MORRIS GRAIN DRIER CO.**

507-511 Chamber of Commerce, Milwaukee, Wis.  
Several years of experience fully demonstrates that owing to the fact that Morris Grain Driers have thorough ventilation, drying grain much more evenly, truthfully stamps them as being superior to any other grain driers in existence. Can be constructed more economically than the average drier. Don't fail to write for pamphlet giving full information and testimonials regarding our driers, coolers and conditioners.

**THE AKRON IMPROVED  
U. S. Standard Grain Tester**

Adopted and used by the U. S. Bureau of Chemistry, Dept. of Agriculture.

Winchester Bushels

Three Sizes:

1 Pt., \$6.00  
1 Qt., 7.00  
2 Qt., 8.00

A. S. Garman Co., Akron, Ohio

**ALLEN'S ANTI-RUST PAINT**

THE NAME DESCRIBES IT.

Proof against salt, acids, alkalis, fumes, sun, water, time.

**COSTS LITTLE—LASTS LONG.**

If interested write us.

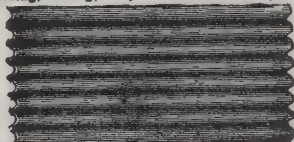
**ALLEN ANTI-RUST MFG. CO.**

439 RACE STREET.

CINCINNATI, O.

**GALVANIZED CORRUGATED**

Steel Siding, Roofing, Fireproof Window Frames, Sashes, &c



**SYKES Steel Roofing Company, Chicago, Ill.**

Sheet Metal Contractors, Makers of Fireproof Windows  
Write them if you are in the market now or if you expect to be in the future. Contracts taken anywhere in the United States.

**R**



Live weevil plus a little Fuma equals dead ones every time.

**Fumigate Your Elevators and Mills with**

**FUMA**

The only satisfactory method of treating grain in the bin; kills all insects, weevils, moths, etc.

10c per lb., in 50 lb. and 100 lb. drums.

Send for printed matter.

**EDWARD R. TAYLOR**

Manufacturing Chemist

Penn Yan, N. Y.

**“EUREKA”  
GRAIN DRYERS**

Are easily controlled,

Continuous in operation,

Thoroughly Reliable,

Inexpensive to install,

Results are Uniform.

All our claims are fully substantiated.

Any percentage of moisture can be removed.

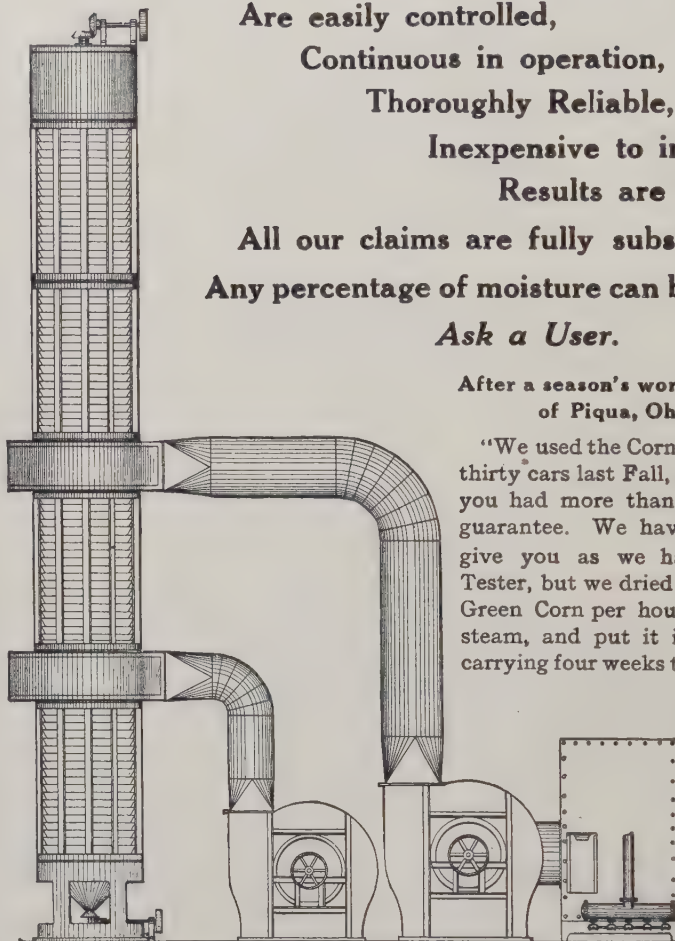
*Ask a User.*

After a season's work, C. N. Adlard, of Piqua, Ohio, says:

“We used the Corn Dryer on about thirty cars last Fall, and found that you had more than exceeded your guarantee. We have no figures to give you as we had no Moisture Tester, but we dried 160 bushels of Green Corn per hour, with 30 lbs. of steam, and put it in condition for carrying four weeks to New England.

Our Broker said we had the best corn that had arrived in that section.

We would not be without the Dryer at any cost.”



Sole Manufacturers

**THE S. HOWES COMPANY**

Grain Cleaning Machinery Specialists

“Eureka Works,” Silver Creek, N. Y.

**Grain Scale Book**

Form 23 is an Indexed Journal, keeps a record of 10,000 wagon loads. Each man's loads are entered on his page. It keeps a record of scale weights. From it both debits and credits are posted to ledger, crediting the customer with the amount received and charging it to the grain's account.

In using this book the dealer minimizes the chance of making errors by posting from original entries.

The book is ruled with column headings as follows: Date; L. F.; L. F.; Kind of Grain; Remarks; Gross; Tare; Net; Bushels; Pounds; Price; Amount.

The book contains 240 pages, size 10½x15½ inches. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is bound in extra heavy cloth covers with leather back. Price, \$2.50.

**GRAIN DEALERS JOURNAL**

315 So. La Salle Street

CHICAGO, ILL.

**Grain Shipping Ledger**

Form 24. An indexed shipping ledger for keeping a perfect record of the shipments of 5,000 cars. Facing pages are given to each firm to whom you ship and name indexed. The pages are 10½x15½ inches, used double.

The book contains 100 double pages. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is tight bound in heavy cloth covers with leather back and corners. Price, \$2.50.

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CHICAGO, ILL.



# Transmission Rope

WE CARRY A COMPLETE STOCK for immediate delivery in all the sizes from half inch to two inch diameter. *Every Foot of Rope* guaranteed to be of **Finest Material and Superior Workmanship.** Give it a Trial.

**The Strong-Scott Mfg. Co.**  
MINNEAPOLIS, MINN.

**TO BUY  
SELL  
RENT or  
LEASE an  
ELEVATOR**

Place an ad. in the "Wanted" or "For Sale" columns of the GRAIN DEALERS JOURNAL of Chicago. It will bring you quick returns.

**GRAIN TRYERS**



WILLIAMS-LLOYD MACHINERY COMPANY, 638 Federal Street

Chicago

**SCALES: WAREHOUSE, WAGON and PORTABLE**

Pit and Pitless

**ACCURATE—SIMPLE—DURABLE**

No loose weights, as our Warehouse and Wagon Scales are equipped with combination beam. One of our scales installed 52 years ago is still in active service and giving satisfaction.

**WEEKS SCALE WORKS—Est. 1858**

384 Goodell St.

Buffalo, N. Y.

## Claims Railroad Book

This book is designed to facilitate the making of Claims against railroads and keeping a complete record of them. There are four forms arranged so a carbon copy can be kept of each claim, as follows:

Form A—Loss of weight in transit.

Form B—Loss in market value due to delay.

Form C—Loss in quality due to delay in transit.

Form D—Loss in market value due to delay in furnishing cars.

This book will save its price many times over by economizing time and labor, and insuring an accurate and complete record.

ORDER FORM 411.

PRICE \$1.25.

**Grain Dealers Journal,**

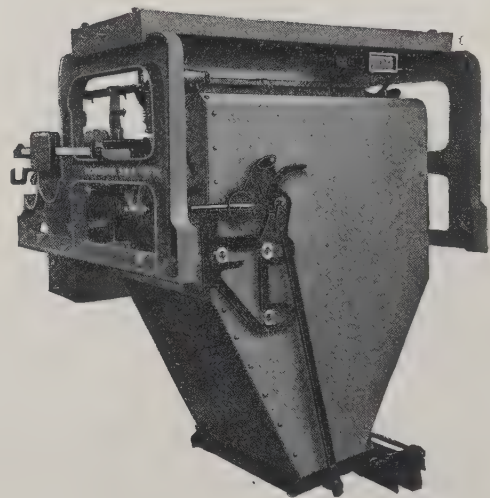
La Salle Street,  
CHICAGO, ILL.

## To Be a Leader in This World

One Must Produce Something **BETTER** Than Has Ever Been Produced Before

## The Richardson Automatic Scale

**PROVES THIS**



Our **20 years'** experience in building these scales for automatically handling grain has made the **Richardson** the **Standard** automatic of the world.

## RICHARDSON SCALE CO.

3 Park Row  
New York

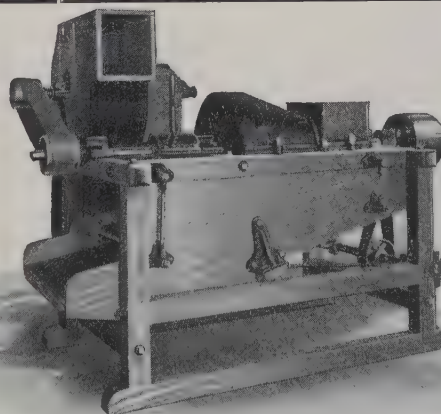
79 W. MONROE ST.  
CHICAGO

413 Third St. South  
Minneapolis

## QUALITY

is remembered long after price is forgotten.

Write for our Catalogue No. 25 of Shellers and Cleaners that have stood the test and proved their value.



The Sidney Combined Sheller and Cleaner.

MANUFACTURED BY

**THE PHILIP SMITH MFG. CO.**

**SIDNEY, OHIO**

A Complete Stock carried at Enterprise, Kan.

Remember, The Sidney Line stands for the best of everything to equip an Elevator, Shellers, Cleaners, Drags, Dumps, Manlifts, Elevator Heads and Boots.

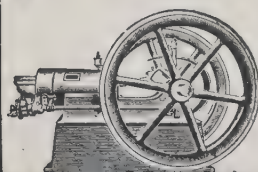
A complete line of Power Transmission.



## YOU WANT GOOD ELEVATOR POWER

You must have it to make profit on the long and short jobs. You get what you are looking for in the

### WITTE GAS & GASOLINE ENGINES



The low cost of power, the little time taken to start, the assurance of continuous operation, and the safety features make the WITTE Engine of interest to every builder and user.

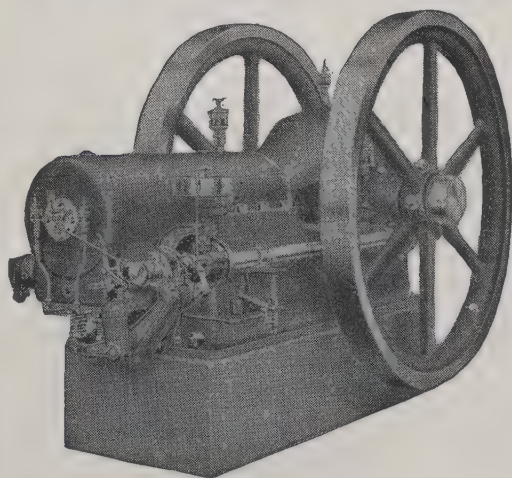
#### GUARANTEED 5 YEARS

The proposition we make to introduce will appeal to you. In writing state size wanted.

**WITTE IRON WORKS CO.**  
1626 Oakland Ave., Kansas City, Mo



## THE FIELD = THE ENGINE OF NATIONAL SUPREMACY



The Field Engine is today the highest class Engine built in America, and is one of the most popular Elevator Engines.

If your dealer does not carry them, write direct to

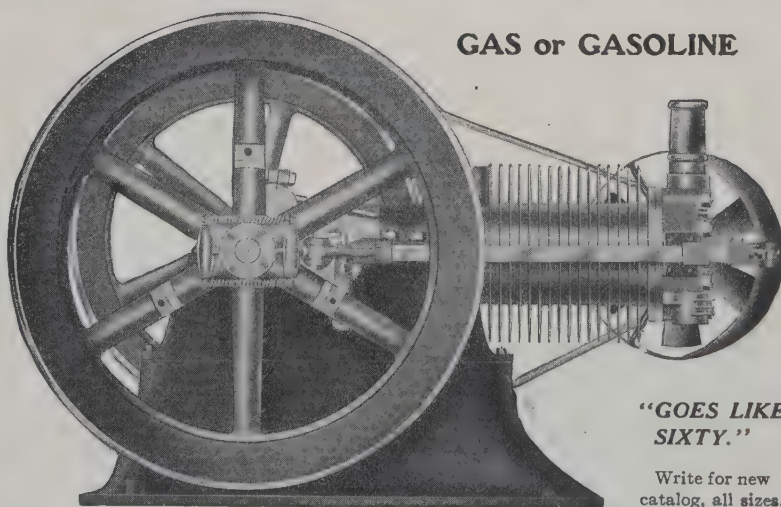
### The Field Brundage Company

302-332 Belden Road

Jackson, Mich., U. S. A.

## GILSON 5 Horse Power AIR-COOLED ENGINE

GAS or GASOLINE



"GOES LIKE SIXTY."

Write for new catalog, all sizes.

**GILSON MFG. CO., 644 Park St., Port Washington, Wis.**

# THE FOOS

## OIL ENGINES

will furnish power to your elevator or mill at a fuel cost as low as if you were able to buy gasoline at 24 to 7 cents per gallon. But as the price of gasoline is from 12 to 18 cents a gallon and oil only 24 to 7 cents, the difference in favor of the Foos Oil Engine is so great as to finally repay the entire original cost of the engine.

OIL BULLETIN K. O.-20

contains fuel data and structural description of the Foos Engine of big interest to all users of power from 6 to 90 H. P.

### The Foos Gas Engine Co.

1002 Linden Avenue  
Springfield, Ohio

#### "NEWERA"

#### Gas and Gasoline

#### ENGINES

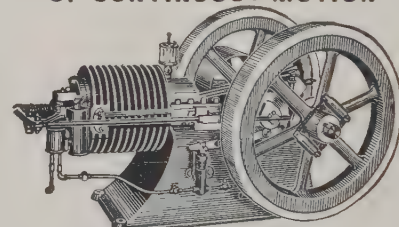
are used by elevator men all over the United States because of their advantages over others, and their economy in operation.

Write for particulars and prices

**The New Era Gas Engine Co.,**  
86 Dale Avenue, DAYTON, OHIO



## -720 HOURS- OF CONTINUOUS MOTION



Run this engine 24 hrs. a day for 30 days—Free, we even pay the freight both ways to convince you that this air cooled engine is the engine for you.

Right now Write.

**GADE BROS. MFG. CO., 110 Main St., Iowa Falls, Ia.**

## Standard Cleaners

Clean  
Clean  
Clean

When you buy a cleaner you want a cleaner—not a fanning machine. Ours are "Standard" in name and quality. They have proven themselves. You will be interested in our exclusive features, owned and controlled by us. **WRITE US TODAY—NOW.**

**The International Manufacturing Co.**

CRESTLINE, OHIO

## Mention This Journal

When you write to any of our Advertisers; you'll get a prompt reply.

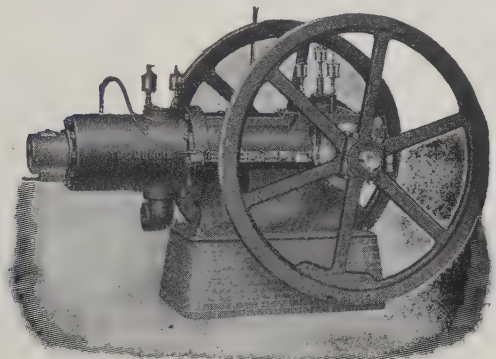
Figure the amount of advertising carried—Can you doubt our ability to **Produce Results**



**50c** } Runs a 25 Horse  
A DAY } Power 10 Hours

## The Muncie Oil Engine

'Producing Power with the Cheapest Fuel.'



It Operates on Crude Oil, Fuel Oil, Kerosene or Distillate. The few working parts reduce possible repairs and expenses to a minimum making the engine pay for itself in a short time.

*Write for particulars, references and prices.*

**Muncie Gas Engine & Supply Company**  
Mulberry St. and Railroads **MUNCIE, INDIANA**

## Shippers' Record Book

is designed to facilitate the book-keeping of grain shippers and to minimize the labor of keeping a complete record of each car shipped. The book is 9½x12 inches and contains 100 double pages of superior paper. It is well bound, ruled in two colors, and the column headings clearly printed. Spaces are provided for records of 2900 carloads.

At top of left hand page, in bold-faced type, are the words, "IN ACCOUNT WITH" and at top of facing page, is dotted line for name of firm to whom grain is sold. It is intended that records of shipments to each firm shall be kept separate. The column headings on the facing pages are: Date of Sale, Date of Shipment, Car No., Initials, Amount Sold, Kind of Grain, Weight, Price, Draft, Remarks, Date Returned, Weight Returned, Overdrawn, Net Proceeds, and Balance.

Order Form 20. Price \$1.75

**GRAIN DEALERS JOURNAL**

255 La Salle Street

**CHICAGO, ILL.**

## Grain Receiving Ledger

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 204 pages of linen ledger paper, size, 8½x13½ inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A marginal index is bound in front. Bound in cloth with leather back and corners. Order Form 43.

PRICE, \$2 25

**GRAIN DEALERS JOURNAL**

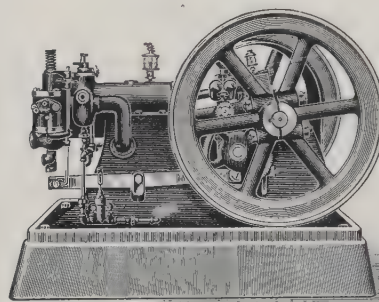
La Salle St., Chicago, Ill.

## Get to Know the ALAMO

IF YOU HAVE TRIED THE REST, NOW TRY THE BEST

Alamo engines are built in sizes from 2 to 60 H. P. Are used by the largest railroad companies in the world, as well as some of the largest grain elevator companies.

Write us and we will give you the names of men near you who have an Alamo.



Easy to Start  
Economical  
Durable

Complete stock  
of repairs at the  
Omaha house.

Manufactured by the **Alamo Mfg. Co., Hillsdale, Mich.**

WRITE

**ALAMO ENGINE & SUPPLY CO., Omaha, Nebr.**  
for Information and Catalog in Central Western States.

## OTTO GAS AND GASOLINE ENGINES

Have a world wide reputation for Fuel Economy.

Have been the standard for Reliability for thirty-five years.

Have over 100,000 satisfied users to whom we refer.

The OTTO has been awarded over 475 medals and diplomas, and has won in every competitive test.

OTTO engines are made from one to three hundred horse power and are designed to use gasoline, distillate, alcohol, liquid fuels, natural, illuminating and producer gas.

We make engines for every power purpose. Write to-day for literature covering type of engine that interests you.

## THE OTTO GAS ENGINE WORKS

3217 WALNUT STREET, PHILADELPHIA, PA.  
637 So. Dearborn Street, Chicago, Ill.

LARGEST AND OLDEST MANUFACTURERS INTERNAL COMBUSTION ENGINES IN THE WORLD



## Threshing Coal.

### Lincoln and Capital Coal

are old favorites with the threshers.

Don't delay ordering until everyone else wants it and prices advance.

### Lincoln Springfield Coal Co.

Old Colony Bldg., Chicago

## COAL!

### Lill-Robinson Quality

is MORE than the standard; it is the best! When you buy

### "L-R" Coal

you not only get the very best the market affords, but you get even more than this. You get

### Lill-Robinson Service

This means that when you order coal from the "L-R" Company, you get "what you want when you want it," and if you have had much experience in buying coal you know what this means.

We are shippers of the very best coal from the following fields:

"ECONOMY" 6" Lump and Egg and 3" Nut, Franklin County, Illinois.

CARTERVILLE 6" Lump and Egg and 3" Nut, Southern Illinois.

"GOOD WORTH" Lump, Egg and Nut, from Indiana.

LONE RIDGE POCAHONTAS from West Virginia.

SUNDAY CREEK HOCKING, Ohio.

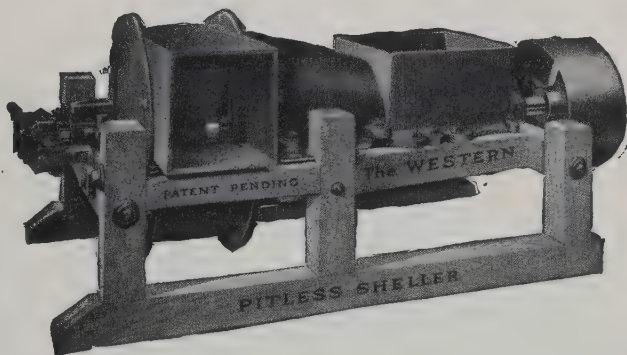
Write us for delivered prices at your station.

### LILL-ROBINSON COAL COMPANY

203 S. DEARBORN ST., CHICAGO

Long Distance Phone, Wabash 3288—ALL DEPARTMENTS

## A STRONG COMBINATION



you buy a Western Cleaner you get two machines for the price of one.

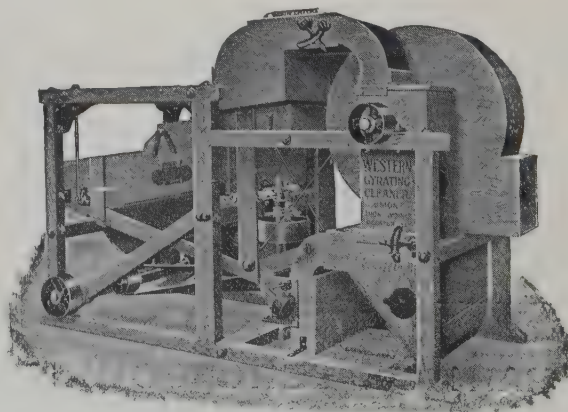
The Western Sheller is strong and durable and made to fit all conditions. Has solid, full-turn conveyor feeders, making a positive feed, wide flaring hoppers, giving greater capacity and affording no possibility of corn bridging; patent adjusting lever, enabling the operator to instantly adjust the cylinder while running to all kinds and conditions of corn; shelling parts all subjected to our special chilling process, making them harder than steel. Seasoned Hard Wood frames, discharges either direction—right or left, under or over.

Get our catalogue before buying—"Everything for the Elevator."

**Union Iron Works, Decatur, Illinois**  
1221-1223 Union Avenue, Kansas City, Mo.

Use care in the selection of Machinery for your elevator. The kind of satisfaction given by the WESTERN CLEANERS AND SHELLERS, the kind of work they do, make them the combination you should use.

The Western Gyrating Cleaner is built especially for separating corn from cobs as they come from the sheller, and recleaning corn and oats; it is also an excellent wheat and small grain cleaner when fitted with extra screens furnished for that purpose. When





# "Wanted" and "For Sale"

The rate for advertisements in this department is 20 cents per type line each insertion

## MACHINES FOR SALE.

FOR SALE—3,000 Salem cups, good as new; sizes 6 in. x 16 ins. and 6 ins. x 18 ins. at 15c each. A snap. LaCrosse Wrecking Co., LaCrosse, Wis.

MACHINES not in use can quickly be sold by an advertisement in the "Machines For Sale" column of the Grain Dealers Journal, Chicago, Ill.

ONE NO. 1 VICTOR COMBINED sheller and cleaner for sale. Only used a short time; in good condition; reason for selling, installing larger machinery. Write for particulars. Yost & Morley, Libertyville, Ia.

NOTICE. LARGEST line of remodeled second hand, also new machinery, supplies, belting, etc., for flour mills, feed mills, grain elevators, always on hand. Lowest prices. G. J. Noth, Monadnock Blk., Chicago.

FOR SALE—4 Fairbanks hopper scales, 1 No. 9 and No. 8 Monitor separator, 1 Rochester flax grain and seed cleaner, 1 double car unloader, 2 friction clutch pulleys, 2 distributing spouts, 1 4 h.p. steam engine, 2 steam pumps, 1 heater and purifier, 6 hopper tanks for boots, 1 26 in. rubber drive belt, 26 in. and 24 in. conveyor belt. We will make a very low price on any of these articles as we wish to move them in the next thirty days. LaCrosse Wrecking Co., LaCrosse, Wis.

SECOND HAND FOR SALE—Attrition mills: 3-24" Cogswell's; 1-24" Monarch; 1-20" Unique; 2-24" Foos; 1-19" Foos; 3 pair high roller mills; 2-9"x18" Noye gear drive; 1-9"x15" Case; 1-7"x18" 3 pair high Alfree, belt drive; 1-7"x15" Alfree, 2 high roller mill. Separators: 1 No. 1 1/2 Barnard & Leas milling, 1 No. 31 Barnard & Leas receiving; 1 No. 258 Eureka Magnetic, 25 bu. cap.; 1 No. 256 Monarch Magnetic, 50 bu. cap.; 1 No. 0 Howes Magnetic, 35 bu. cap. Dust collectors: 1 No. 3 P, 1 No. 4 A, 1 No. 2-B Wilson Tubular, 1 No. 2 Monarch. Address Sprout, Waldron & Co., P. O. Box 260, Muncy, Pa.

SECOND HAND MACHINERY.—We offer the following Rebuilt Machinery at greatly reduced prices (subject to prior sales): Largest stock in the world.

Separators—No. 3, No. 4 and No. 98 Barnard's, No. 8 Eureka Elevator Separators, No. 0 and No. 4 Richmond, No. 3 Eureka, No. 5 Monitor Milling Separators.

Oilclippers—Nos. 6, 8 and 9 Invincible, No. 4 and No. 321 Eureka and No. 4 Barnards.

Feed Mills, 7x14 Great Western, 7x14 Nordyke & Marmon, and 9x24 Barnard & Leas, all two pair high; 7x14 Richmond, 9x18 Noye, 9x18 Smith, 9x18 Hutchison, 9x24 Alfree, and 9x30 Wolf, all three pair high, and many others.

Roller Mills—All sizes and makes, single and double.

Attrition Mills, 19 inch, 22 inch and 26 inch Foos, 30 inch American, 22 inch and 24 inch Unique, 20 inch Monarch.

Corn Crushers, Nos. 7, 8 and 9 Bowsher; No. 1, Styles N, L and T Foos; No. 2 Triumph, No. 12 Sullivan No. 3 Monarch.

Corn Shellers—No. 2 and No. 4 Victor, No. 5 Keystone, No. B Standard and 2-Hole Joliet.

Steam Drier.—No. 2 Cutler with hood and steam trap.

Elevator Belts—1,200 ft. 22 inch, 6 ply Rubber Belt with 20x6 Buckets attached @ 50c per ft., and many other sizes.

Pulleys—A big lot, both wood and iron, from 3 inch to 10 ft. in diameter. Write for new book, "Gump Bargains," No. 2D, giving complete list all machines in stock.

B. F. Gump Co., Mill and Elevator Machinery, 431-433-435-437 S. Clinton St., Chicago.

## MACHINES FOR SALE.

ONE BOSS CAR LOADER in good condition for sale. Horner Elevator & Mill Co., Lawrenceville, Ill.

FOOS ATTRITION FEED MILL and reverse drive for sale. Nearly new. Box 207, Windsor, N. Y.

NO. 9 CLIPPER CLEANER for sale; price \$65. Good as new. Also Monitor cleaner, \$35. Whittemore Elevator Co., Whittemore, Mich.

CORN SHELLER AND CLEANER for sale. No. 14 Western warehouse sheller, No. 2 Western rolling screen corn cleaner. In first class condition. \$125 for both machines. A. H. Webber & Son, Padua, Ill.

PETERSON OAT BLEACHER in good running order. Sold to be replaced by larger machine. Snap for Country Elevator to get in shape to handle stained oats at fraction of cost new machine. Address Bleacher, Box 1, Grain Dealers Journal, Chicago.

## GRAIN CLEANERS FOR SALE.

One No. 9 Clipper cleaner.....\$25.00  
Two No. 7 Clipper cleaners..... 20.00  
One No. 3 Monitor cleaner..... 20.00  
One No. 3 Eureka cleaner..... 20.00

These machines have full set of screens and are practically in good working order. They were replaced by larger machines. Bad Axe Grain Co., Bad Axe, Mich.

## DYNAMOS—MOTORS.

### ELECTRICAL MACHINERY BARGAINS.

One 8 light, 110 volt dynamo.....\$ 25.00  
One 30 light, 110 volt dynamo..... 40.00  
One 50 light, 110 volt dynamo..... 60.00  
One 80 light, 110 volt dynamo..... 75.00  
One 100 light, 110 volt dynamo..... 90.00  
One 150 light, 110 volt dynamo..... 125.00  
One 275 light, 110 volt dynamo..... 165.00  
One 600 light, 110 volt dynamo..... 260.00  
One 1 H.P. motor.....\$ 35.00  
One 3 H.P. motor..... 65.00  
One 5 H.P. motor..... 85.00  
One 10 H.P. motor..... 145.00  
One 15 H.P. motor..... 175.00  
One 35 H.P. motor..... 275.00  
One 50 H.P. motor..... 325.00

For other sizes in motors or dynamos, write us. Lowest prices. Best Quality. Aaron Electric Co., 118 S. Clinton St., Chicago, Ill.

## PULLEY COVERING.

WARRENS PULLEY COVER is applied with a brush as easily as ordinary paint and dries in from two to four hours. You can do the work at night when the machinery is idle and begin to cut down expenses the next day. The Pulley Cover is extremely durable and lasts from one to three years, depending on the service required. It gives a firm, leathery surface for the belt to grip—eliminates the impractical extravagance of leather lagging, the sticky unreliability of "belt dope." It is a practical, inexpensive, efficient time saver, as long as you run a belt on a pulley. Write for particulars regarding Special Case Outfit. The Warren Co., 232 La Salle St., Chicago, Ill.

## BOOKS FOR SALE.

THRASHER'S GRAIN REGISTER, Inventory and Car Cost System, shows you at a glance the exact loss or gain on each car of grain shipped—the amount of grain of each grade and variety in the house—the price paid for same—the amount of stored grain in the house—makes you master of your business and competition. Blueprint and explanation sheet \$2.50. Chas. E. Thrasher, Galva, Iowa.

## GASOLINE ENGINES

ONE 50 H. P. IMPROVED MILLER GAS engine for sale. Gregory Electric Company, 16th & Lincoln Sts., Chicago, Ill.

IF YOU HAVE a gasoline engine for sale advertise in the "Gasoline Engines" column of the Grain Dealers Journal and get quick results.

ONE 15 H. P. PORTABLE International gasoline engine for sale. In good condition. Address Lock Box 62, Marcellus, Mich.

ONE 75 H.P. FAIRBANKS-MORSE 3 cylinder gas engine; one 25 h.p. boiler and engine; almost new; will sell cheap; substituted electric power. The Lock Two Grain & Mfg. Co., New Bremen, O.

FOR SALE AT BARGAIN PRICES, several new, near-new and rebuilt gas and gasoline engines of our own make in sizes 8 to 50 h. p. Write us your requirements—we can give you just what you want while they last. The New Era Gas Engine Co., 86 Dale Ave., Dayton, Ohio.

## GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.  
25 H. P. Columbus.  
25 H. P. Fairbanks-Morse.  
22 H. P. Fairbanks-Morse.  
15 H. P. Fairbanks-Morse.  
12 H. P. Fairbanks-Morse.  
6 H. P. Fairbanks-Morse.  
4 H. P. Fairbanks-Morse.

Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

## GASOLINE ENGINES FOR SALE.

2-10 H. P. Fairbanks-Morse horizontal, used, good condition, ea.\$ 200  
1-12 H. P. Fairbanks-Morse, vertical, nearly new ..... 200  
1-12 H. P. Waterloo horizontal, used, in good condition..... 100  
1-15 H. P. Weber horizontal, used, in fine condition ..... 200  
1-15 H. P. Otto horizontal, used, in good condition ..... 200  
1 15 H. P. Fairbanks-Morse horizontal, short base, used..... 200  
1-15 H. P. Fairbanks-Morse horizontal, stationary, good condition. 250  
1-16 H. P. Dempster, two cylinder horizontal portable, used..... 200  
1-20 H. P. Ohio horizontal, used, in good condition ..... 250  
1-28 H. P. Lewis horizontal, used, in good condition..... 350

## PRODUCER GAS PLANTS.

1-30 H. P. Otto single cylinder horizontal, special electric producer gas engine, together with Otto Suction gas producer for Anthracite coal ..... 800  
1-65 H. P. Fairbanks-Morse three-cylinder, vertical producer gas engine, together with a 75 H. P. Fairbanks-Morse suction gas producer for Anthracite coal... 1,500  
Full description and price on these plants given on application. Power Equipment Co., 212-218 Third Ave. No., Minneapolis, Minn.

## BUILDING MATERIAL.

2 MILLION FT. 2x6, 2x8, 2x10 hemlock cribbing; all size timbers, boards and ready roofing. J. G. Ruel, 7337 Stony Island Ave., Chicago.

## BAGS FOR RENT.

GRAIN BAGS FOR RENT. From 100 to 50,000. For terms write Foell & Co., 123 Market St., St. Louis, Mo.



**ELEVATORS FOR SALE.**

**SOUTHERN OHIO.** Elevator and coal yard for sale. Address Ohio, Box 4, Grain Dealers Journal, Chicago, Ill.

**IF YOU WANT TO SELL YOUR BUSINESS** write to the Manager of the Want Dept., Grain Dealers Journal, Chicago, Ill.

**NORTHWESTERN OHIO.** For sale, one of the best elevator and coal propositions in the state. Address C. O. D., Box 7, Grain Dealers Journal, Chicago.

**EASTERN INDIANA.** For sale or trade one half interest in 40,000 bu. cribbed elevator; doing good business; fine retail and coal trade in connection. Address M. Box 1, Grain Dealers Journal, Chicago, Ill.

**CENTRAL INDIANA.** Elevator, coal, feed and flour business at a bargain; good wheat and oats crop; no competition; everything first class; good churches, school and college. Address Box 363, Upland, Ind.

**WESTERN IOWA.** Grain, coal and seed business; 30,000 bu. capacity elevator, almost new. Good chance for some one. Address H. F. C., Box 4, Grain Dealers Journal, Chicago, Ill.

**CENTRAL ILLINOIS.** Elevator for sale at 400,000 bu. station. One competitor. Reason for selling, poor health. Address H. A. R., Box 12, Grain Dealers Journal, Chicago, Ill.

**WESTERN OHIO.** For sale, two elevators and coal business. No competition. Can show large business. Price \$18,000. Address J. M. Co., Box 3, Grain Dealers Journal, Chicago, Ill.

**IOWA.** 20,000 bus. cribbed elevator for sale. House fully equipped with modern cleaning machinery and grain in handling facilities. Buyer must move house from site. An excellent opportunity for the right man. Address Box 416, Cherokee, Iowa.

**OHIO.** Will trade for land or sell for cash elevator, garage and coal yards. Land must be in Ohio, Ind., or Ill. This is a good business. No better grain country can be had. Poor health reason for selling. Address Chance, Box 4, Grain Dealers Journal, Chicago, Ill.

**WESTERN ILLINOIS.** For sale, elevator proposition with two good elevators. 30,000 bu. working house, 20,000 bu. storage house. No competition; station handles 250 to 275 M. bu. Up to date town. Address W. J. B. Box 3, Grain Dealers Journal, Chicago, Ill.

**GOOD ELEVATOR** in good shape, 8 h. p. gas engine, corn sheller, 2 sets burrs, stone and steel, big warehouse, 2 pair stock scales, one at stock yards close to elevator; makes from \$3 to \$10 per day. If you want a bargain in a good business, call on Robt. Holman. Ethel, Mo.

**PONETO, WELLS CO., IND.** 30,000 bu. capacity elevator for sale, also coal shed with cement bottom, size 20x60 ft. Do a milling business in chop, feed and meal. In order to settle up an estate will offer for a short time at \$7,500. Poneto Grain Co., Poneto, Ind.

**KANSAS.** Elevator and corn meal mill at best point in Kansas. Carries elevation allowance, turning away business; earning \$1,000 a month; best proposition ever advertised. Sell for \$15,000. Don't answer unless you mean business. Address Business, Box 3, Grain Dealers Journal, Chicago.

**NORTHERN ILLINOIS.** Two good elevators in consecutive towns on the C. G. W. R. R. for sale. No competition; big storage; large territory; good paying side lines in connection; business on good paying basis; prospective purchasers of plant should come and see figures to be convinced of the value of the proposition. Price right. Reason for selling, other business. No trades considered. Address Snap, Box 3, Grain Dealers Journal, Chicago, Ill.

**ELEVATORS FOR SALE.**

**CENTRAL ILLINOIS** elevator for sale. Write Coon Bros., Rantoul, Ill.

**IF YOU WANT TO SELL YOUR BUSINESS** write to the Manager of the Want Dept., Grain Dealers Journal, Chicago, Ill.

**WESTERN OHIO ELEVATOR** and coal yard for sale or trade. Other business reason for selling. Address Box No. 120, West Milton, Ohio.

**NORTH NEBRASKA.** For sale, elevator and implement business in good grain country. Address S. R., Box 3, Grain Dealers Journal, Chicago, Ill.

**SOUTHWESTERN IOWA** elevator and coal business for sale in town of 1,500. Good territory; on own ground. Address I. R. V., Box 10, Grain Dealers Journal, Chicago, Ill.

**ILLINOIS.** Will lease elevator in central Ill. Station handled over 300,000 bu. last year. No competition. Price \$75 per month. Address Lease, Box 4, Grain Dealers Journal, Chicago, Ill.

**10,000 BU. ELEVATOR AND 50 bbl. steam roller** for sale. An up-to-date flour and feed mill (Allis system) in good dairy country on side track of main line of C. M. & St. P. R. R. No opposition. Everything in running order. Address G. G., Box 4, Grain Dealers Journal, Chicago.

**200,000 BUS. GRAIN BUSINESS** with two up-to-date elevators and flour mill for sale. Large exchange and feed trade. No competition. Over 100 cars coal trade. In town of 1,300 population, in excellent, thickly settled farming community. Price is right. Address S. T., Box 4, Grain Dealers Journal, Chicago, Ill.

**INDIANA.** 10,000 bu. capacity elevator for sale. Handle 100 cars grain a year; grinding feed a specialty; big flour and feed trade; no competition; have side lines; good margins; big corn crop, good wheat and oats country; good boiler and engine. Price \$5,000. Address Indiana, Box 4, Grain Dealers Journal, Chicago, Ill.

**OHIO. GOOD ELEVATOR,** 25,000 bu. capacity. Handles 110 cars of coal, better than 100,000 bus. of grain annually besides a large retail trade that shows good profits. All grain received and loaded by machinery. If looking for a 1st class place, we have it. Reason for selling have other business. Address Opportunity, Box 4, Grain Dealers Journal, Chicago, Ill.

**ELEVATOR FOR SALE AT BARGAIN.** Owner now in Sanitarium. Capacity of elevator 40,000 bus. wheat; also has corn mill and does large flour, meal and feed exchange business. Located in county seat town; no flour mill there. Good wheat and corn country. Address Elevator, Box 3, Grain Dealers Journal, Chicago, Ill.

**MINNESOTA.** For sale or rent, terminal elevator plant with a capacity of 1,550,000 bus. at Minneapolis, Minn. Working house has 550,000 bus. capacity; storage house with 1,000,000 bus. capacity; brick power house containing 2 engines, one of 150 h. p. and one of 200 h. p. There is a large tract of land and 1,200 feet of valuable trackage. We will sell or rent this property on favorable terms. The Great Western Grain Co., Chamber of Commerce, Minneapolis, Minn.

**WESTERN OHIO.** For sale \$5,000 bu. capacity elevator. Equipped with 35 h. p. engine, 45 h. p. boiler, corn sheller, dumps, cleaners and all machinery. 27,000 bus. grain and 7,000 bus. ear corn; large cob house and flour room; good flour trade and handles about 800 ton coal annually; located on two railroads and own ground of 1½ acres; fine town of 800 population; two banks and electric lights; fine agriculture county and good spot for corn, oats and wheat. This is a money maker. Address W. P. O., Box 8, Grain Dealers Journal, Chicago, Ill.

**ELEVATORS WANTED.**

**WANTED GRAIN ELEVATOR** on own ground handling not less than 100,000 bus. annually. Will pay cash for place that suits. Address Lock Box 75, West Milton, Ohio.

**ELEVATOR WANTED IN ILL. OR IND.** corn belt. Must be a good business and price right. Full particulars first letter, no others answer. Address Illinois, Box 4, Grain Dealers Journal, Chicago, Ill.

**IF YOU WANT TO BUY** an elevator make it known to the grain elevator men of the country advertising in the "Elevators Wanted" column of the Grain Dealers Journal, Chicago, Ill.

**WANTED ELEVATOR** handling 100,000 bus. per year or better, with coal and feed in connection. Located in Iowa. Elevator and sheds must be in good condition. Address C. E. G., Box 3, Grain Dealers Journal, Chicago, Ill.

**ELEVATOR BROKERS.**

**C. A. BURKS,** Decatur, Ill., buys and sells elevators.

**WE BUY AND SELL ELEVATORS.** FOR INFORMATION WRITE THE TRISTATE GRAIN COMPANY, SIOUX FALLS, SO. DAK.

**JAMES M. MAGUIRE,** Campus, Ill., Elevator Broker, can suit you in an elevator from \$5,000 up. Can give good terms on many of them. Write for information or to make appointments.

**BUYER OR SELLER.**

R. W. Jeter, the elevator salesman, can furnish you with either one. If you wish to buy an up to date plant or if you have one to sell, write me and I can prove to you that I handle the best, and it is thru this reputation that I solicit your continued patronage. Write at once. R. W. Jeter, Ashton, Ill.

**MILLS FOR SALE.**

**GRIST MILL FOR SALE.** 50 bbl. capacity in first class shape. Good location; good farming community. Will sell all or half interest. Address Lock Box 30, Bloomdale, Wood Co., Ohio.

**PUBLIC AUCTION.** On account of failing health I will sell at auction on Sept. 7th, 1911, at Offerle, Kans., my feed mill and coal business. This is making 20% on the investment; my terms are one-half cash, balance time. For further information, address J. H. Kimes, Owner, or Thos. Darcey, Auct.

**FEED MILL, FLOUR AND** coal business in small town, in good farming section in southern Michigan; only 13 miles from Detroit on M. C. R. R. Also 5M bus. elevator; good house and barn; building cannot be put up today for price asked; good reasons for selling. Address Feed Mill, Box 1, Grain Dealers Journal, Chicago, Ill.

**LAND FOR SALE.**

**320 ACRES OF LAND** in northern Wisconsin in fruit belt, 4 miles from good town for sale or trade. Write Box 329, Kingfisher, Okla.

**INFORMATION.**

**READERS DESIRING** to learn by whom, or where any grain handling machine or device is made can generally obtain it promptly by addressing Information Bureau, Grain Dealers Journal, Chicago, Ill.

**WANTED NAMES AND ADDRESSES** of the responsible officers or stockholders of Sage Bros. Grain Co., who operated an elevator at Kasota, Minn., in 1910. Address M. Kneady, Box 2, Grain Dealers Journal, Chicago, Ill.



## BUSINESS OPPORTUNITIES.

**WANTED, TO BORROW** \$3,000 or \$3,500 on new elevator property worth \$6,000 and doing an excellent business. Address Elevator Property, Box 9, Grain Dealers Journal, Chicago, Ill.

**WANTED IN N. W. OHIO, SOUTHERN Mich., or eastern Ind.,** grain and coal business, or will buy half interest with right parties. Address Interest, Box 4, Grain Dealers Journal, Chicago, Ill.

**WANTED—By** largest country shippers of kaffir corn in West, correspondence with eastern buyers with view of establishing business. Address Shipper, Box 4, Grain Dealers Journal, Chicago, Ill.

**INDIANA—For sale,** grain, flour, feed and coal business. Good house; good machinery and good trade. Best farming section eastern Ind. If mean business investigate this. Address J. S., Box 9, Grain Dealers Journal, Chicago, Ill.

**NORTHERN OHIO.** For sale an up to date seed and wool house, fully equipped with cleaners and elevators. Located in best seed country in Ohio. Good shipping facilities. Address Northern, Box 3, Grain Dealers Journal, Chicago, Ill.

**FACTORY PLANT** in town of 1,200, good farming country near Cincinnati. Practically new machinery for feed grinding, corn meal and wheat cleaning; also complete butter making creamery, warehouse and corn crib. Address H. J. Whitacre, 22 W. 7th St., Cincinnati, Ohio.

**FOUR STORY BRICK BUILDING** in good town 60 miles from Chicago for sale. Suitable for retail and wholesale grain, feed, flour, seed and coal business and elevator combined. In business section on Ry.; best opening in country for big business. Located in best dairy section in country. Big farmer trade. Address Building, Box 4, Grain Dealers Journal, Chicago.

**IDAHO.** For sale, the most complete seed, grain, hay and coal house in Idaho, if not in the northwest. Where crops never fail and the best seed producing section in the world; ½ block ground; 260 ft. trackage; 86,000 bu. elevator; track scales; most modern buildings; machinery for cleaning, grinding, etc. Built in 1908-9. Been established here 19 years. Doing all the business we can handle. I have decided to retire from business. You can double purchase price in a few years. If interested write me, but it takes some money. Box 687, Boise, Idaho.

## HELP WANTED.

**WANTED—Man** to handle grain station, lumber and coal, buy hogs and sell farm machinery. German preferred; must be rustler; steady position. Address German, Box 4, Grain Dealers Journal, Chicago, Ill.

**WANTED GOOD AGENTS** for points in eastern Iowa, handling grain, coal and lumber. Give particulars as to salary wanted, age, nationality, etc. Address R. Lynch, 512 So. 7th St., Cedar Rapids, Ia.

**WANTED ELEVATOR MAN** at \$50 per month in a modern country elevator, who likes to and can keep up the machinery in order and assist at buying when not too busy with handling grain. References must be good. Steady place if suited to the location. Good home surroundings. Address Y. A. R., Box 3, Grain Dealers Journal, Chicago, Ill.

**WANTED—A** thoroughly experienced grain man, capable of taking charge of an elevator, hay and feed business in a town of 20,000 in Wisconsin. We want a man who is thoroughly conversant with all details in the grain and hay business, one who is capable of buying and merchandising. State experience and salary expected. Address Wisc., Box 4, Grain Dealers Journal, Chicago, Ill.

## SITUATIONS WANTED.

**WANTED POSITION AS MANAGER** of elevator. 12 yrs. experience in buying corn and oats. Best references. Address K. C. W., Box 4, Grain Dealers Journal, Chicago.

**YOUNG MAN** with 8 years' experience in terminal and country elevator work wants position. Single; references. Address Position, Box 4, Grain Dealers Journal, Chicago, Ill.

**WANTED POSITION AS GRAIN BUYER,** country elevator. Wisconsin preferred. 10 yrs. experience; barley a specialty; best of reference. Address E. I. S., Box 4, Grain Dealers Journal, Chicago, Ill.

**POSITION WANTED** as business solicitor by capable grain man. Western territory preferred. Address Solicitor, Box 1, Grain Dealers Journal, Chicago, Ill.

**SITUATION WANTED AS MANAGER** of country elevator. Have full knowledge of bookkeeping, grain, hay and lumber business. Address Box 399, Oak Harbor, Ohio.

**WANTED SITUATION** as traveling solicitor or buyer for grain commission house or mill. Good acquaintance through So. Dak., Nebr., and Iowa. Experienced. Steady; good references. Address Steady, Box 4, Grain Dealers Journal, Chicago.

**POSITION WANTED** by an elevator superintendent with several yrs. experience; competent of taking full charge; first class reference. Address Competent, Box 7, Grain Dealers Journal, Chicago.

**MARRIED MAN** of 27 wishes position with milling or elevator company. Five years experience; handle either steam or gas; was manager of plant 3 yrs.; reference and bond furnished. Address A. D., Box 2, Grain Dealers Journal, Chicago.

**WANT A JOB** as grain buyer, manager of an elevator, engineer, traveling solicitor or any position connected with the grain business? If so, make your wants known to progressive grain dealers who are in need of experienced help through the "Situation Wanted" column of the Grain Dealers Journal.

**MANAGER — BOOKKEEPER.** Steady, reliable man who has grown up in the grain business wants position as manager or bookkeeper for good live firm. Bought grain for 10 years. At present employed but wish to get with firm where there is chance for promotion. Can furnish first class reference. Address Reliable, Box 4, Grain Dealers Journal, Chicago, Ill.

## SITUATIONS WANTED.

**YOUNG MARRIED MAN** with 8 years experience would like position as manager of country elevator. References. Address R. O. Y., Box 3, Grain Dealers Journal, Chicago, Ill.

**WANTED POSITION** by married man who has had experience in grain business a number of years. Also a first class engineer and fireman; prefer running steam engine. Will give no one reference. Address Engineer, Box 4, Grain Dealers Journal, Chicago, Ill.

**AN EXPERIENCED MAN** who has been with one firm for 15 years as manager of a large line of country elevators would like to get a similar position or as a traveling solicitor for an up-to-date firm. Can furnish many good references. Address Moneymaker, Box 7, Grain Dealers Journal, Chicago.

**SITUATION WANTED** by married man 28 yrs. old with 6 yrs. experience in grain, lumber and coal business. Have been with my present employer 6 yrs. but wish a position where there is chance for promotion. A1 reference. Address Experience, Box 2, Grain Dealers Journal, Chicago, Ill.

## PARTNERS WANTED.

**WILL TAKE A PARTNERSHIP** in good grain and coal business with right party. Address, Partnership, Box 3, Grain Dealers Journal, Chicago, Ill.

**YOU CAN SECURE** a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.

## SCALES FOR SALE.

**SCALES** for elevators and mills, lowest price. Chicago Scale Co., Chicago.

**SCALES** of all kinds repaired, rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, O.

## SCALES WANTED.

**WANTED—Automatic** bagging scale. Turney Bros., East End., Superior, Wis.

## BUYERS AND SELLERS

of grain elevators. You can make your wants known quickly by advertising in the "Elevators for Sale and Wanted" columns.

## KEEP POSTED.

### GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

**Gentlemen:—**In order to keep us posted regarding what is going on in the grain trade outside our office, please send us the *Grain Dealers Journal* on the 10th and 25th of each month. Enclosed find One Dollar and Fifty cents for one year.

Name of firm.....  
Capacity of Elevator..... Post Office.....  
.....bus. State.....

## Want an Elevator?

Then consult the "Elevators for Sale" columns in this issue of the Grain Dealers Journal.



## GRAIN WANTED.

**SALVAGE GRAIN.** We buy grain salvage in any quantity, wet or dry. American Cattle & Poultry Food Co., Binghamton, N. Y.

**NEW WHEAT AND OATS** of every description wanted. Mail samples and name price delivered Philadelphia. Address L. F. Miller & Sons, Phila., Pa.

**WANTED**—Off grade and salvage wheat and corn of every description. I make a specialty of it. C. C. Lewis, Chamber of Commerce, Buffalo, N. Y.

## WANT HELP?

Then consult the "Situations Wanted" columns of the Grain Dealers Journal.

## HAY WANTED.

**HAY & STRAW WANTED**—Correspond with us. W. J. Armstrong Co., Milwaukee, Wis.

**HAY & STRAW WANTED**—Correspond with us. T. D. Randall & Co., 92 Board of Trade, Chicago, Ill.

**HAY WANTED.** Please quote delivered price, track George, Iowa. Also quotations on alfalfa meal wanted. The Farmers Elevator Co., George, Iowa.

## RECEIVERS

who want to reach the regular grain dealers of the country use space in the GRAIN DEALERS JOURNAL

## FLOUR FOR SALE.

**MIXED CARS** of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O.

## A PARTNER

## HELP or a POSITION,

can be obtained quickly by placing an ad. in the "Wanted" columns of the Grain Dealers Journal of Chicago. It is the grain-trade's accepted medium for "wanted" and "for sale" ads.

## SEEDS FOR SALE—WANTED

## Cover's Dust Protector

Rubber Protector, \$2.00

Send postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

**H. S. COVER**

124 Perley St., SOUTH BEND, IND.



## ALFALFA SEED

Utah and Idaho grown. We are the largest primary dealers in the west and received highest award at Exposition Universelle, Paris, France, 1900.

**THE C. A. SMURTHWAITE CO.**  
OGDEN, UTAH

Est. 1887

## OKLAHOMA GROWN SEED CORN

Specially Selected and Distributed by

**J. E. FARRINGTON SEED HOUSE**  
Chickasha, Oklahoma

WHEN YOU WANT ANYTHING AND DON'T  
KNOW WHERE TO FIND IT  
WRITE BUREAU OF INFORMATION.  
GRAIN DEALERS JOURNAL CHICAGO, ILL.

Whitney-Eckstein Seed Co.  
BUFFALO, N. Y.

Timothy, Red Clover, Alsike, Alfalfa, White Clover, Crimson Clover, Canada Bluegrass, Redtop, Millets, Lawn Seed, Orchard Grass, Seed Grains, Peas, Popcorn, Etc.

Correspondence Solicited

THE ALBERT

## DICKINSON

COMPANY

## SEEDS

Timothy  
Clover  
Flax  
Agricultural

Grain Bags  
Pop-Corn  
Seed Corn  
Beans, Peas

CHICAGO

MINNEAPOLIS

## THE SEED SHORTAGE

causes a ready and profitable market for any amount of seed offered. Have you any to offer? If you have, let it be known, by inserting an ad. to that effect in the "SEEDS FOR SALE" columns of the

## GRAIN DEALERS JOURNAL

Forty-Eight Inquiries Received From One Insertion of This Ad.

## FOUR CARS NEW TIMOTHY SEED

for sale. Write for samples and prices. Yost & Morley, Libertyville, Ia.

## Their Word For It.

Gentlemen:—Please discontinue our "Seeds for Sale" ad., as we have sold all. We have received 48 inquiries up-to-date.

Libertyville, Ia., Aug. 20, 1911.  
Respectfully, YOST & MORLEY.

Costs Only 20 Cents Per Type Line Per Insertion, and Subject to 10% for Cash in Ten Days.



# SEEDS FOR SALE—WANTED

## SEEDS FOR SALE.

**ALFALFA SEED FOR SALE.** Aye Bros. Blair, Nebr.

**ALFALFA SEED** for sale. My raising. 10 bu. Sample on request. J. H. Smith, Sterling, Kansas.

You Can **EASILY** find a buyer for your pure seeds and grains by placing an ad in this column. Send to Mgr. Want Ad Dept., Grain Dealers Journal for particulars.

**SEED WHEAT.** Poole, Gipsy, Mediterranean. The best yielding and milling varieties. Thoroughly re-cleaned and graded. Write for samples, guarantee, and prices. C. C. Vale, R. 9, New Carlisle, O.

## The Toledo Field Seed Co. Clover and Timothy Seed

Consignments solicited. Send us your samples.  
Toledo, Ohio.

## ALFALFA SEED

If wanting pure American grown stock write us. We carry full line of all seeds.

The Nebraska Seed Co., Omaha, Neb.

## SEEDS WANTED

CLOVERS—(Medium Red and Alsike)  
TIMOTHY

**Garton Cooper Seed Co.**  
SUGAR GROVE, ILL.

CLOVERS **CLIMAX  
SUPERFINE  
BRAND.** GRASSES

*W.H. Small and Company*

SEEDSMEN  
Also RECEIVERS and SHIPPERS OF GRAIN and HAY  
EVANSVILLE, INDIANA

CLOVERS  GRASSES

## WANTED RYE—WHEAT BARLEY

Black Russian Oats  
for Seed

Send Samples and Prices

**Otto Schwill & Co.**  
Seedmen. Established 1869  
Memphis, Tennessee

## SEEDS FOR SALE.

**ORCHARD GRASS AND BLUE GRASS.** Ask for free booklet, samples and prices, car lots or less. Louisville Seed Co., Louisville, Ky.

**JOHNSON GRASS AND ALFALFA SEED.** New crop. Figure with us, indicating quantity of each wanted and time of shipment. Put us on your list for prices on all kinds of feed and field seeds. Dallas Grain & Seed Co., Dallas, Texas.

IF THE SEEDS YOU WANT are not advertised here, write us. We keep a record of seed offered for sale and may be able to refer you direct to firms having what you want. Seed Dept. Grain Dealers Journal, Chicago, Ill.



Headquarters for  
Wisconsin Grown  
Timothy and Clover  
Also Dry Land Montana  
Grown Alfalfa

**ROSENBERG  
&  
LIEBERMAN**  
MILWAUKEE, WIS.

## SEEDS WANTED.

**WANTED FIELD SEEDS,** all varieties. Quote, with samples. J. Oliver Johnson, Chicago, Ill.

**TIMOTHY, ALFALFA, CLOVER AND** seed corn. Supply samples and quotations. The M. G. Madson Seed Co., Manitowoc, Wis.

## IF YOU WANT

the Top of The Market for your  
TIMOTHY SEED Mail 2 oz. samples for bids to

**SEED G. S. MANN, BROKER**

512 Postal Telegraph Bldg., CHICAGO, ILL.

## THE ILLINOIS SEED CO., Chicago, Ill.

### WE BUY AND SELL

TIMOTHY, RED, WHITE ALSYKE AND  
ALFALFA CLOVERS, RED TOP MILLETS,  
BLUE GRASS, SEED, GRAIN.

Ask for Prices. Mail Samples for Bids

## If Your Business

isn't worth advertising  
advertise it for sale.

## White Kaffir Corn

guaranteed to arrive cool and sound. Wire or write us for firm delivered quotations.

**J. BOLGIANO & SON, Baltimore, Md.**

Please mention Grain Dealers Journal.

Established 1875

## The M. G. MADSON SEED COMPANY

SEED GROWERS, IMPORTERS and MERCHANTS

Send for Samples and Price

MANITOWOC, WISCONSIN

## Have 10,000 Bu. CHICKEN FEED WHEAT on hand

Wire or Write for Samples and Prices

## HUHN ELEVATOR COMPANY

Chamber of Commerce, MINNEAPOLIS, MINN



Minneapolis Seed Company  
Minneapolis, Minn.

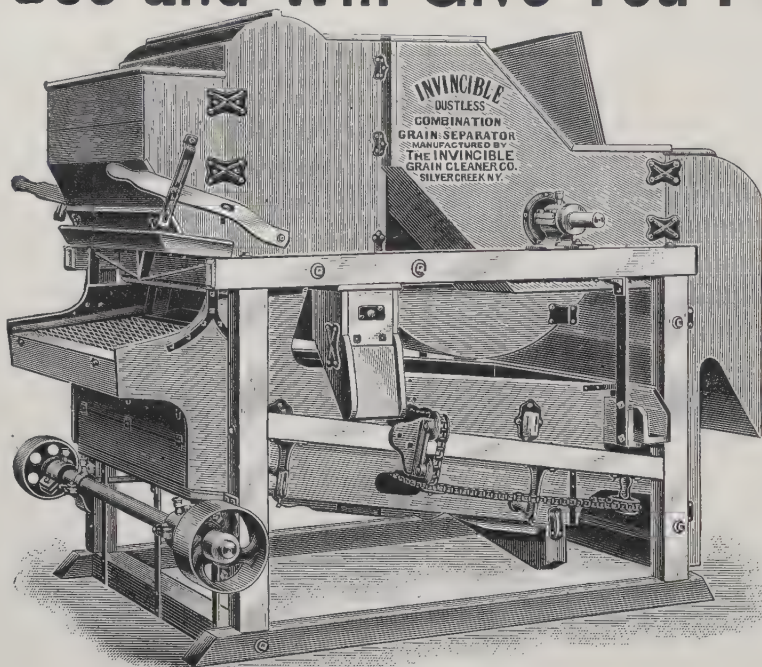
# SEEDS

OUR SPECIALTY IS TIMOTHY

Send Samples for Prices



## Do Not Overlook It—It Is Designed For Your Use and Will Give You Perfect Satisfaction



If you need a Receiving Separator you would have to search diligently to get a machine that would compare to the INVINCIBLE.

It's just a question whether you prefer to take in the screenings with the wheat at wheat prices or whether you make sure that your good wheat money buys what only and not screenings.

The modern way is to clean the wheat from the wagons and pay for the good. That is a legitimate way of getting a proper yield from your dollar.

We send the machine on trial and guaranteed.

Fully equipped with self-oiling bearings and pitmans of the latest type.

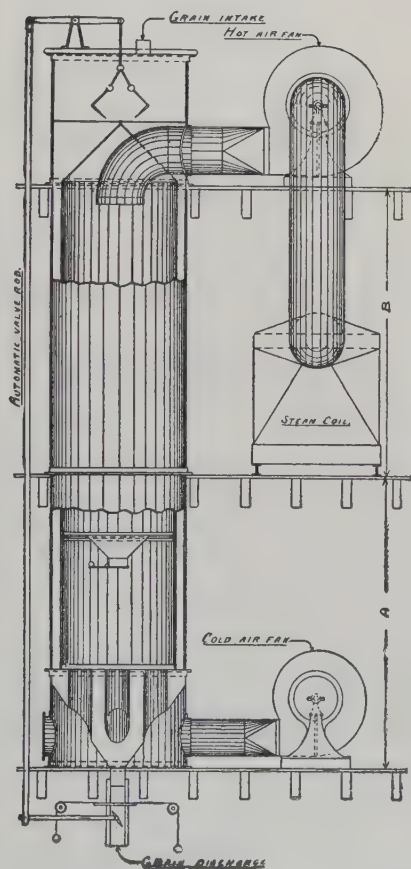
### Invincible Grain Cleaner Co., Silver Creek, N. Y.

F. H. MORLEY, Jr., 512 Traders Bldg., Chicago, Ill.  
C. L. HOGLE, 622 Board of Trade, Indianapolis, Ind.  
C. WILKINSON, 6027 Chestnut St., Philadelphia, Pa.  
CHAS. H. STERLING, Jefferson House, Toledo, Ohio

REPRESENTED  
BY

F. J. MURPHY, 225 Exchange Bldg., Kansas City, Mo.  
F. E. KINGSBURY, Terminal Hotel, St. Louis, Mo.  
J. J. CROFUT & CO., 612 McKay Bldg., Portland, Ore.

SPECIAL SALES AGENTS: BUCKLEY BROS., Louisville, Ky. STRONG-SCOTT MFG. CO., Minneapolis, Minn.



## McDaniel Grain Dryer

*Will remove any percentage of moisture desired from grain, putting it in perfect condition for shipping or storage. ¶ Drying process, automatic and continuous, can be used as conditioner with cold air only. ¶ Built for any capacity desired. ¶ Absolute satisfaction guaranteed.*

### Richmond Mfg. Co.

Established 1863.

Lockport, N. Y.

J. H. PANK, Northwestern Representative, 916 Flour Exchange Bldg., Minneapolis, Minn.



## GRAIN DEALERS JOURNAL

Published on the

10th and 25th of Each Month

by the

**Grain Dealers Company**

315 S. La Salle Street, Chicago, Ill.

CHARLES S. CLARK, Manager

### SUBSCRIPTION RATES

To United States, Canada and Mexico one year \$1.50; two years \$2.50; one copy 10 cents.  
To Foreign Countries within the Postal Union, prepaid, one year \$2.50; two years \$4.00.  
A Red Wrapper on your Journal means your subscription has expired.

### THE ADVERTISING

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

### LETTERS

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.



GOLD MARKS SIGNIFYING QUALITY OF CIRCULATION HAVE BEEN AWARDED THE GRAIN DEALERS JOURNAL BY THE AMERICAN NEWSPAPER DIRECTORY.

CHICAGO, ILL., AUGUST 25, 1911.

HUMPBACK WHEAT has been given a body blow by the Minnesota State Railroad & Warehouse Commission, which has adopted a rule to the effect that this variety of wheat, owing to its inferior milling quality, shall not be graded higher than No. 3.

AUGUST rains have lowered the grade of much small grain, and no doubt has done considerably more damage to grain in the stack than has been generally supposed. The larger receipts of low grade grain proves that much of the crop was not protected from the storm.

BUYERS of small grain nearly everywhere east of the Rockies must exercise unusual caution this year, or else they will lose heavily on their shipments. In many sections, Spring Wheat is so shrunken and light weight it can pass for little less than chicken feed, while some of the Winter Wheat is badly affected with smut. The greater care exercised in grading purchases closely will increase the chances of shippers realizing a profit on the grain they handle, but none can expect to come out even, who pay the same price for all grain of the same kind. The wide variation in the quality this year is sure to bring the careless buyer unusual grief.

GRAIN elevator owners, whose buildings are equipped with lightning rods, will be pleased to read the experience of an Illinois elevator company which is recited on page 314 of this number. While few persons would think of permitting lightning rods to be installed without their being supported upon insulators, still here is a case where insulators were not used, and the building was not destroyed.

AN OHIO dealer writes "The grain business of our section is getting on to a paying basis." Cheerful news. The fact is that more grain dealers than ever before are now keeping close tab on the cost of handling grain thru their elevators, and making a systematic effort to get a living out of the business. Heretofore, but a small per cent of the dealers have tried to determine whether or not they were doing business at a profit, and naturally competition drove all profit out of the business. It is easy enough to realize a profit from handling grain, if the country buyers will but insist upon it.

DULUTH grain buyers have declared a boycott on kingheads or ragweed, and will not accept shipments containing this pest on purchases of wheat to arrive. Most of the transactions of this character are based on straight No. 1 northern wheat, and even tho the grain inspectors do pass wheat as No. 1 northern, the buyers will not accept it on contract, if it contains kingheads. However, they are willing to buy it by sample. It seems that kingheads are somewhat difficult to remove from wheat, hence the elevator men find them quite objectionable. The more regulations of this kind established in the central markets, the more care must the country elevator man exercise in buying and in cleaning his grain for shipment. Country elevator operators who have given much attention to the cleaning problem, have found a little money in cleaning facilities a very profitable investment.

COLLAPSING elevators have commenced again to make trouble for grain elevator operators. An elevator at Ainsworth, La., started the trouble. Recently its foundation gave away, permitting the building to assume a very unusual position, in fact one side of it was dropped 3 ft., and it was found necessary to remove its contents with baskets. At Centerville, S. D., a bin containing 2,000 bu. of corn gave way, and buried an employe of the Reedy Elevator, who was passing that way. While the foundation is not always to blame for the collapsing of an elevator, still more trouble seems to be traced to that cause than any other. The barn builders seem to think that if the foundation is weak, it does not matter, because it is covered, so the owner will not discover it. Sooner or later the law of gravitation discovers it, and pulls the building down in a heap.

THE WABASH R. R. does not seem to profit by our leaky car reports, but permits cars, which are found to be leaking when loaded, to be reloaded and used time and again for transporting grain. Three of such cars are reported in our leaky car reports this number, by the supervisor of the Merchants' Exchange Weighing Dept., showing that they were still leaking when they arrived at St. Louis. When carriers wilfully permit leaky cars to be reloaded, they should be willing to pay promptly any claims to shortage.

COBS in shipments of shelled corn are inexcusable, as buyers must clean and bear the loss in weight before they can deliver the corn on their contracts. Any corn which contains broken pieces of cob, generally contains cob scourgings, husks and other dirt, which settles to the bottom of car, and often causes the grain to heat. Shippers cannot expect to receive pay for much cob or dirt at corn prices, and the chances they take in shipping the dirt and the corn together are too great to permit of the safe continuance of this practice. After a careful consideration of many different samples of shipments received at Memphis, the Grain Inspection Committee of the Merchants Exchange of that city has finally instructed Chief Inspector Gardiner to grade all corn containing an excessive amount of cob as "Sample Corn Cob Mixed." The trade will be much better off when every market takes a similar stand against cobs and other refuse often received in shipments of shelled corn. Corn cleaners are not expensive, and often increase the receipts from a single shipment more than their cost.

KANSAS millers are complaining of the weed seeds and dirt in the wheat, and propose to appeal to the members of the next state legislature, to enact a law permitting the purchase of wheat under the dockage system. This system of docking 1-2-3-4 and 5 pounds a bushel for foreign matter has long been in vogue in the northwestern states, in fact the grain inspectors of the terminal markets mark what they consider a fair dockage on each car inspected. In other words, they grade each carload of wheat on the basis of the quality of the wheat contained therein, and by marking how many pounds a bushel to allow for dockage. They allow the buyer so much for cleaning. No wheat buyer can afford to pay wheat market prices for weeds and dirt, as few can sell the trash for any price. The millers cannot make flour out of it, so must throw it away or grind it into mixed feeds. It would not seem necessary to have a law enacted, in order to refuse to pay wheat prices for weed seeds and dirt. All that the millers need to do is to reduce their price, to offset the dirt, or else openly make a dockage on each shipment for the dirt contained.



SKINNING option trades on the Chicago Board recently resulted in the expulsion of Thos. H. Miller, Jr., and the forfeiture of his membership. The directors of the board did not hesitate to punish to the limit of its power when convinced of the wrongdoing. They recognize that the reputation of the members for square dealing cannot be sacrificed to the greed of one skinner.

CANADA'S wheat crop has been "frozen" several times, and "destroyed by black rust," but the farmers are not one bit down hearted. The crop experts continue to dole out direful predictions, with little effect. The wonderful increase in the acreage of both wheat and oats in the Canadian Northwest is sure to offset any deterioration in the crop. The hay crop of the eastern provinces is much larger than usual, so there is little danger of its being necessary for city consumers to pay \$50.00 a ton, or import their supplies from Alaska.

#### B/L SAFEGUARDS.

Forged Bs/L have given the cotton importers of Great Britain so much grief that they have finally forced the American railroads to enter into an agreement and establish a central bureau in New York City to supervise the work. Each railroad has agreed not to issue Bs/L unless cotton is actually delivered to it and is in its possession, and each B/L is accompanied by an official certificate, showing the authority of the railroad company's agent to issue Bs/L. No duplicates or triplicates are to be issued—only copies, which are signed in autograph by the agent and endorsed as "Non-negotiable." One of these copies is sent to the Central Bureau.

This agreement was entered into without consulting with American Bankers or users of S/O Bs/L. If the railroads are willing to protect foreign bankers and cotton buyers against forged Bs/L for cotton, they should be willing to protect home bankers and receivers from forged Bs/L for grain, and it will be necessary for them to do so, if the bill introduced by Congressman Adamson last month becomes a law. This bill forbids agents of carriers to issue Bs/L until goods have actually been received, and makes it unlawful for any bank to accept a B/L as security for the advancement of money, without first ascertaining by actual inquiry of railway agent as to the receipt of the freight described in the B/L. The bill makes the bank official accepting such collateral, without investigation, punishable by a fine of \$5,000, and five years in the penitentiary. It also makes the bank liable to any subsequent holder or endorsee of said B/L for all losses sustained by reason thereof.

While the bill, as introduced, seems to be somewhat unfair, in that it aims to punish bankers for the shortcomings of the railroads, it does not seem likely that it will be enacted into law. However, it is a good sign. The more interests at work, striving to solve the B/L problem, the sooner will some practical solution be found, which will protect everyone. The grain trade, which has been a great sufferer, seems to have forgotten its losses.

#### INCREASING THE COST OF FIRE INSURANCE.

Carelessness on the part of grain elevator and flour mill owners and operators has resulted in such a marked increase in the number of fires and the amount of fire losses that several insurance companies, making a specialty of this class of business, have been compelled to increase their assessments to 60% of the basis rate.

Property owners have always been a bundle of contradictions. They insist that their mutual company have a large surplus, in order that payment of any losses they may have shall be certain, and at the same time they fight against a high basis rate, or a large assessment. All of the mutual companies insuring this class of property have been working on too close a margin. Competition seems to have prompted them to make such low assessments that in order to meet expenses and losses, they have found it necessary to eat a large hole in their surplus.

The mutual companies have saved much money for owners of grain elevators and flour mills, but they have and are today performing a service of far more value to the property owners than the money already saved. They are educating operators to a systematic reduction of the fire hazards still found in plants of this character. No doubt these companies eventually will be able to insure such plants at a much lower cost, but it will be only when owners and operators of grain elevators and flour mills co-operate to the elimination of many well known hazards, and to the reduction of others.

In the drouth stricken sections of the country, many grain elevators, and some flour mills, are now closed, and in some places no doubt a fire would be most welcome. If such plants are frequently visited, kept locked against the nightly visits of traveling hoboos, if the grass and weeds are kept cut about the buildings, and all windows made proof against locomotive sparks, if the property is cared for sufficiently so that passers-by will recognize that someone is interested in it, then they too will have an interest in it, and not be disposed to throw a rock thru the window, in order to see if anyone is inside. Dirty windows in a closed plant oftentimes convince passing hoodlums that no one is about, and thus invite the throwing of stones. Dirty windows also reduce the opportunity for passers-by to see fires which may be burning inside.

There are many things to be considered by property owners who are desirous of reducing the fire hazard, as well as the insurance cost. Last week a plant in New York, which was not insured for half its value, was burned, as a direct result of the imperfect installation of electric power wires. Several mutual insurance companies, and ultimately their

policy-holders, as well as the under-insured owner of the elevator, must pay dearly for the slack work of the electrical wire man who installed the plant. The lack of careful inspection of the wire man's work by the owner of the plant, and by the insurance company's inspector, must also share in the responsibility for the fire. More careful and intelligent inspection will eventually result in fewer fires and a lower insurance cost. The property owners are the ones most largely interested, for they must pay the losses, either thru their assessments to the mutual companies, or thru the lack of sufficient insurance to cover their losses.

#### FIGHTING FOR GRAIN.

Letters published in "Letters from Dealers" this number, prove conclusively that some men are conducting their grain business not for the purpose of realizing a profit, but primarily and principally for the empty satisfaction of venting their spite against others. Overbidding contests of the character complained of, always bring joy to the farmers, but expensive grief to the contestants.

Whenever short-sighted, bull-headed dealers at any station engage in an overbidding contest, it would pay the dealers at surrounding stations simply to withdraw from the market, and let them have all the grain which cannot be handled at a profit, and thereby sooner bring about a reform in their methods of doing business. Country buyers deal in so few commodities, it is a very easy matter for them to be drawn into an overbidding contest, and especially so where they do not maintain friendly relations. In any market where the competing buyers are friends, the shrewdest farmers are unable to tell enough wild stories to precipitate a fight.

The overbidding contest which has been waged in the neighborhood of Huntington, Ind., the past four years has prevented any dealer in that section doing business at a profit, and the fighters have wasted four years' valuable time, and some capital, in an effort to get even with the other fellow. The only ones interested, who gain by the fight are the nearby farmers, who have been able to sell grain at their local station at much more than it is worth. One nearby dealer writes, "I have not made a cent in the business for over two years, and there seems to be no promise of anything better, as the fighters are just as bitter toward one another as ever."

It is about time the dealers of the surrounding territory daily sent one of their number to make a friendly visit with each of their fighters, for the purpose of learning how they can continue in business, and still pay more for grain than it is worth. Even tho they fail in learning the secret, they might succeed in impressing the fighters with the folly of the contest.



## SOLICITORS MUST BE LICENSED.

For several years sentiment against practices common with a few solicitors has been growing among the members of the leading grain exchanges. At one time a move was started in Kansas City to dispense entirely with solicitors, or traveling representatives of grain commission houses. This sentiment has finally crystallized in the adoption of a resolution by the Directors of the Duluth Board of Trade, making it compulsory upon all members of that Exchange to license their traveling representatives or solicitors, to take effect Sept. 1st, 1911.

According to the resolution adopted by the Board of Directors, some representatives or solicitors, in their great efforts to obtain business for their employers, have reflected wrongfully upon the Exchange or its members. The general complaint has been that this reflection has been upon the fellow members of their employers.

It has ever been a mistaken idea on the part of some traveling solicitors, that to tear down a competitor was to insure their securing all the business from the shipper imposed upon. Other solicitors (we are glad to believe they are in the great majority) have devoted their efforts in getting business to praising their market, and telling of the facilities their employer has to offer in handling the business of the shipper. They believe that a knock is often a boost, and some of the employers have expressed a willingness to place the chronic knockers on their pay roll, if they would only apply themselves assiduously and perpetually to knocking them.

However, the majority do not approve of knocking tactics and the Duluth Board henceforth will forbid any member employing a traveling representative or solicitor, *not* a member of the Exchange, *unless* he shall be duly licensed by the Board of Trade. It is hoped also that it will prevent any evasion of the commission rules of the Exchange, and henceforth no person shall be licensed as traveling representative or solicitor for a member of the Duluth Board, until a majority of the Board of Directors shall be satisfied that a contract has been made in good faith, providing for his employment as a traveling representative for a period of not less than six months, and it shall be required that he devote his entire time to the soliciting of business for his employer.

Both the solicitor and his prospective employer must make written application to the Board, deposit a \$5.00 annual license fee, and appear before the Board of Directors, which is made to constitute a Committee on License. Every application for such a license must be filed with the secretary, and posted in the Exchange Hall. Any member who protests against an applicant being licensed will be given a hearing before the Board.

The Duluth Board is determined that every solicitor traveling out of that market shall assume a fair and equitable attitude towards the Exchange, as well as each of its members. This plan is much better than dispensing entirely with the traveling solicitors, as has been proposed. The cutting of commissions and knocking of the Exchanges and their members by a few short sighted solicitors can readily be stopped if the Exchanges would but go about it in the right way. The effort of the Duluth Board to effect a reform seems designed to insure a remedy, and the outcome will be watched with more than usual interest by the members of other exchanges. The enforcement of such regulations will also inure to the benefit of country shippers, who occasionally have been misled by misrepresentation of traveling solicitors.

## LEAKING GRAIN IN TRANSIT.

Grain dealers can help brother sufferers in collection of claims for loss by reporting to Grain Dealers Journal, Chicago, for publication the initials, number, date and condition of cars seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

C. G. W. 10688 leaked white oats between sill and siding on side of car while in yards at Oelwein, Ia., in the morning of Aug. 23. Mentioned it to train conductor and he said he would repair it.—W. W. Sylvester, with B. S. Wilson & Co., Ft. Dodge, Ia.

T. W. V. & O. 514660 was set off of eastbound train at St. Paris, O., Aug. 21, with hot box. Shelled corn was leaking out under both grain doors which were sprung out in the center, allowing the corn to get out underneath. One end was leaking badly on account of siding of car being loose from sill. We fixed it up the best we could. Car was supposedly shipped from Burnettsville, Ind., and billed to Pittsburgh.—Myers & Bentzel.

W. C. 18264 was leaking wheat at end while going thru Rosalie, Neb., in the morning of Aug. 20.—Farmers Grain Co., per P. Christensen, agt.

G. T. 14805 passed eastbound thru Schoolcraft, Mich., Aug. 18, on Grand Trunk, leaking wheat at side of car.—C. E. Carpenter.

P. M. 43044 passed westbound thru Schoolcraft, Mich., on Grand Trunk, Aug. 18, leaking wheat at corner of car.—C. E. Carpenter.

Wabash 60881 passed thru Cullom, Ill., Aug. 17, leaking on west side of car at bottom of sheathing. Did not have an opportunity to cooperate here.—Hargreaves & Brady, per E. D. Brady.

C. H. & D. 11124, loaded with corn and leaking at corner, was set off at our switch, Rushville, Ind., Aug. 15.—Ball & Orme.

C. H. & D. 12243, loaded with wheat and leaking at edge of floor at outside sill over draft beam, was set off on switch at Rushville, Ind., Aug. 15.—Ball & Orme.

Grand Trunk 17854, leaking corn at door, was set off at our switch at Rushville, Ind., Aug. 15. The three cars we have reported on this date were eastbound and leaking badly. We fixed them the best we could.—Ball & Orme.

I. C. 36913 came into Graymont, Ill., in the afternoon of Aug. 15, from the west, leaking yellow corn from side of car midway between door and end of car. The brace inside the car had rotted off and weight of corn had pushed the siding off, causing a bad leak. Car was set in on siding here. I think it was loaded at Minonk, Ill. I helped the section men repair it and found one of the posts on side of door partly broken off. I drove a block in behind the door to help hold the post from breaking entirely off.—Rogers Grain Co., per C. C. White.

R. I. 53350 passed thru Brenham sta., Greensburg p. o., Kan., Aug. 14, leaking at corners.—S. L. Gamble, agt. O'Neil, Kaufman, Pettit Grain Co.

R. I. 50171 passed thru Brenham sta., Greensburg p. o., Kan., Aug. 14, leaking at corners.—S. L. Gamble, agt. O'Neil, Kaufman, Pettit Grain Co.

R. I. 57944 passed thru Brenham sta., Greensburg p. o., Kan., Aug. 14, leaking on side.—S. L. Gamble, agt. O'Neil, Kaufman, Pettit Grain Co.

C., R. I. & P. 50171 passed thru Greensburg, Kan., Aug. 14, leaking wheat at corners.—O. H. Landrith, agt. Pratt M. & Eltr. Co.

C., R. I. & P. 53350 passed thru Greensburg, Kan., Aug. 14, leaking wheat at corners; was nailed up some while train was switching in yard.—O. H. Landrith, agt. Pratt M. & Eltr. Co.

C., R. I. & P. 57944 passed thru Greensburg, Kan., Aug. 14, eastbound, leaking wheat badly at side.—O. H. Landrith, agt. Pratt Mill & Eltr. Co.

C. & E. I. 451 passed thru Sullivan, Ill., Aug. 11, leaking white corn badly at side.—Sullivan Eltr. Co., per M.

I. C. 11906 passed thru Cullom, Ill., Aug. 10, leaking yellow corn badly thru sheathing at southwest corner. We repaired it the best we could. Car is said to have been picked up at Barner, Ill.—Hargreaves & Brady, per L. O. C.

## ADDITIONAL EVIDENCE OF CARS LEAKING.

Grain Dealers Journal: We note in your issues of July 10th and Aug. 10th, several cars reported as leaking grain in transit.

Wabash 67039, June 28th, Illiopolis, Ill., leaking at the side. This Department's deputy examined the car on the Wabash hold tracks on July 1st, and reported it leaking at the bottom of the door-post. It again came under our inspection in the North Market St. Yards July 7th, and our records showing "Leaking badly at the door-post; leaking side and end."

Wabash 60481, Illiopolis, Ill., June 28th, leaking over front truck. Our records show that this car arrived at the Wabash hold tracks on July 1st, leaking at the bottom of the box.

Wabash 61168, Cerro Gordo, Ill., June 21st, leaking over rear trucks; repaired before forwarding. This car showed no evidence of leakage at the Wabash hold tracks on July 26th, but when it reached the Rogers Elevator July 1st, it was leaking over both trucks, at the draw-bar and side.

Penn 527937, Gregory, Mo., July 18th, leaking badly at end and side near corner. This car was inspected by one of our deputies at the "K" Line hold tracks July 19th, who reported the side badly bulged and leaking. Yours truly, John Dower, Dept. of Weights, St. Louis, Mo.

NO EXCHANGE can afford to permit its members to act as both agent and principal in the handling of consigned grain. It is wrong in principle, and a violation of the common law. Such deception, even where agent sells grain to a subsidiary company, is wrong, against the interests of the shipper, and against the welfare of the market. We have published decisions by many courts denying any agent the right to act as both principal and agent, and the rules of most of the exchanges proscribe such transactions.

## VERY DRY IN TEXAS.

Grain Dealers Journal: I regret to advise that the drought is very severe in Texas and, as a result, all of our June corn and forage crops planted in the central and north parts of Texas have been destroyed by the intense heat of the past two weeks. There is no change to report in the condition and quantity of corn, wheat and oats which Texas will produce in 1911. As heretofore advised, we will probably produce during this season about 25,000,000 bus. of corn, 8,000,000 bus. of wheat, 15,000,000 bus. of oats and less than one-half of an average crop of hay.—G. J. Gibbs, sec'y Texas Grain Dealers Ass'n, Ft. Worth, Tex., Aug. 22.



# Letters

## From Dealers

[Here is the grain dealer's forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### WHY BUYERS PAY MORE FOR GRAIN THAN IT IS WORTH.

*Grain Dealers Journal:* I have been charged with keeping up prices for grain in my section, and making business unprofitable for all my neighbors. I deny the allegation. I have been in the grain and hay business in this section for 20 yrs. About 10 yrs ago I admitted A. A. Weber to partnership, and gave him half the business. We made money and everything was satisfactory, until he made an effort to get his boys in the business and crowd me out.

After 7 years of unpleasantness, we sold our plant, and he soon repurchased an interest with the buyer. I erected a little elevator at Mardenis, hoping to make a living without friction and trouble. My old partner rewarded me for the help I had given him by bragging frequently that he would soon drive me out of business. He made a house to house canvass among the farmers about my elevator, and begged them to call him up whenever they had anything to sell. He promised to pay more than I ever offered. For 4 yrs he has been buying the farmers' produce, regardless of the prices ruling in the central markets.

Weber & Purviance built several elevators since, and now have 3 stations not far away. Ten elevators could not be profitably operated in a radius of 10 miles, unless they drew largely from distant territory, but all about this little section are many other good elevators, with active buyers in the market every day. This is not a good wheat country, and much

of the corn grown is fed on the farm, so that at best the business could not be very profitable, but my old partner insists on bidding up for every bushel of grain, with the result that he and some of the others are operating houses for nothing, or else losing money.

Naturally, I have enough pride in my business ability to prevent their driving me out of the market entirely. I recognize that constant overbidding in this section is making the business unprofitable and unpleasant for all engaged in it, but none would more welcome the return of reasonable prices and business methods than myself.

I have never sought to draw grain from a large territory, but have been satisfied with the grain grown near my elevator, that did not require a long haul on the part of the farmer. I appreciate that my ex-partner, with his 3 elevators, is probably losing money just as fast as I am with my one house. I am perfectly willing to do anything in reason to bring peace to the territory, and will surely buy grain right, if given half a chance.—H. C. Silver, Huntington, Ind.

### GIVING AN EX-SCOOPER A DOSE OF HIS OWN MEDICINE.

*Grain Dealers Journal:* According to reports current about LaRue, the Markeys, who composed the LaRue Grain and Elevtr. Co., sold their plant to W. O. Rish and agreed to stay out of the grain trade. I never got the information direct. The trouble seems to be simply this: Last summer Rish and Boyd (now owner of the other elevator at LaRue) were scooping and kept prices so high that Markey's purchases of grain lost him about a thousand dollars.

After Rish bot out the Markeys he did some boasting about how he was going to do things this season, which did not set well with Markey, especially in view of last year's experience. In order to get even he went into the scooping game himself and is certainly making them go some. Day before yesterday when our best bid was 38 $\frac{3}{4}$  they were buying at

39 $\frac{1}{2}$ . They have bot a few oats in my territory but I must say that I am surprised at the way farmers have hauled me oats in view of the LaRue prices. It has kept my prices about a cent above what they ought to be. Markey has plenty of money and I don't think the other fellows have, so I guess they will be up against the real thing for a while.—A Sufferer.

### HOW TO HANDLE SCOOPERS?

*Grain Dealers Journal:* I enclose two advertisements clipped from the LaRue News. [They are reproduced herewith.]

#### MARKEY BURSTS INTO PRINT.

Like the Wandering Jew, I'm here again, temporarily perhaps but in earnest, as honest as ever and filled to the brim with expectations. To make a long story short, as newspaper space costs money, I'm in the market to buy grain—oats, wheat and corn. Where am I located? Why in LaRue, of course, with pockets full of hard cash and other negotiables to pay for every bushel of grain that I may buy. I'm a sort of a

#### Short-Muzzle Grain Merchant,

a "shoveler," in fact, I load my grain from wagon into car, without expense, such is required by other methods. I weigh all purchases before the eyes of my patrons. I get the grain; my customers get my money; we're both satisfied with each and every transaction. No buildings to operate in—just a plain, well-worn hat to cover my head. What more is needed to buy grain of my farmer friends? I shall do business both day and night, six days in the week. Sundays I shall rest, as every honest man in good standing should. This is my message to the public.

#### I am a "Middleman"

that is I buy the farmer's grain crop, load it direct from his wagon into the car. I sell the loaded car to the highest bidder in the market. See me if you have grain to sell. I'm on the street all day long and in the market as well.

#### MILTON MARKEY.

Grain Merchant, LaRue, Ohio.

Last winter I bot out the LaRue Grain & Elevtr. Co., Milton Markey, mgr. The company was composed of Marshall Markey and three sons, of whom Milton is the oldest. All agreed not to do anything in grain or coal. Now Milton Markey is scooping grain and advertising for grain.

"I'm the Happiest Grain Man in Ohio."—Markey.

My announcement in last week's News succeeded in bringing me good results, for I have been fairly busy handling oats direct from the farms ever since. There's a reason for this, but my modesty forbids me to explain the cause thereof. Results will speak for themselves, and as results are what I am after, why should I tell more of my well kept secrets? As I stated last week, my occupation or vocation or profession—just as you care to term it—is to buy grain from the farmers and sell it to the highest bidder in the market. I shall do no contracting with the farmers nor deal with the bulls or bears in the city markets.

I belong to no organization or combination or dealers' association, am separate and apart from any one else in the grain buying business and have but a single code of rules to govern my business efforts—"To buy all the grain I can at the top market price." In short, I trade cash for grain on a Reciprocity basis.

I possess no monster buildings to stare you in the face, just a sackcloth vest, a shirt and pantaloons to clothe myself at the car door. No taxes to pay on idle property; no depreciation of equipment; no worry to keep me awake nights. Verily and as I believe, I'm the happiest grain man in Ohio, and where is the farmer who does not like to deal with a man in good cheer? I've got a smile awaiting the man who has grain to sell.

#### MILTON MARKEY,

Grain Merchant, LaRue, Ohio.

Any advice on How to Meet Scoop Shovel Competition will be appreciated.—W. O. Rish, LaRue, O.

### The Farmer's Happiest Moment.



The Grain Buyer's Most Expensive Folly.



## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### WANT ADDRESSES OF CAR PULLER MANUFACTURERS.

*Grain Dealers Journal:* Can the Journal give us a list of the manufacturers of car pullers, as we wish to learn the address of one making a car puller completely covered to protect it from injury and dust?—McFadden & Co., Havana, Ill.

*Ans.:* Car pullers are made and sold by all elevator supply manufacturers advertising in the Journal.

### HOW TO GET SCALES TESTED?

*Grain Dealers Journal:* How could we get our wagon scales tested by an expert tester?—Potts-Colwell Elevator Co., Bookwalter, Neb.

*Ans.:* Arrangements for expert testing of scales in southeastern or southwestern Nebraska can be made by communicating with J. G. Goodwin, chief weighmaster Board of Trade, Kansas City, Mo., or E. J. Smiley, sec'y Kansas Grain Dealers' Ass'n, Topeka, Kan.

### HOW MUCH DOES WHEAT SHRINK?

*Grain Dealers Journal:* Will readers of the Journal please advise me thru "Asked & Answered" column how much wheat will shrink from January to July, or in 6 months' time?—Ed. Zehnpfennig, mgr, Siberz Bros. & Craig, Ethan.

*Ans.:* No rule can be laid down for the shrinkage in the weight of wheat due to the drying out of moisture in the natural way, as the weather conditions are never the same in any two seasons. The wheat when harvested and delivered into the elevator bins may contain widely varying percentages of moisture. Wheat from the same field near Fargo, N. D., threshed from shock contained 14.8 per cent of moisture while that threshed from stack contained 13.2 per cent. Thus, to start with, the one wheat could lose 1.6 per cent more than the other, and the dryness of the atmosphere which varies during the following 6 months of storage would affect the result still more.

The lowest percentage of moisture found in 310 samples of American wheat analyzed was 7.1 and the highest 14.0; but a sample of Kubanka durum wheat analyzed 16.5 per cent. The average of 310 American wheats was 10.5 per cent. Minnesota No. 163 showed 7.9 per cent, Bolton's blue stem 9.3, Rysting's five 10.3; winter wheat, 14.4.

Wheat transported from the dry atmosphere of the interior of California to ordinary temperate regions will invariably gain from 5 to 15 per cent in weight. In a voyage from San Francisco to Liverpool the increase in weight due to the moisture absorbed enroute may be sufficient to pay all the expense of transportation.

Every part of the wheat kernel is so hygroscopic that when exposed freely to the air its per cent of moisture fluctuates

correspondingly as the humidity of the atmosphere rises and falls.

The shrinkage in weight of wheat after 6 months' storage at Ethan, could be determined by a chemical test of the wheat before and after this period of time. Or 100 lbs. net could be sacked and submerged with bulk wheat in a bin. The shrinkage up to any date could be determined by weighing the contents of the sack on that date.

Wheat delivered to the elevator in January probably has already lost some moisture since harvest. If held by the farmer from the preceding crop there probably would be no shrinkage whatever in the elevator bins, as during the 17 months on the farm the moisture content would probably have been reduced to the minimum for that climate.

### COLLECTION FROM CONSIGNEE ON PREPAID B/L?

*Grain Dealers Journal:* We recently received a car of oats on a shipper's order B/L. The shipper sold us, delivered our track and drew for the full amount, including freight charges. The B/L was marked prepaid but the railroad company has presented its bill for the full amount of the charges.

While we have little doubt this is an error that will be straightened out we would like to inquire whether the carriers could hold us for the freight in case it was not paid. It seems to us that if the agent of the carrier issues such a B/L an innocent holder ought to be protected.—Holden Grain & Feed Co., Ticonderoga, N. Y.

*Ans.:* The notation "Freight Prepaid" on the face of the B/L is not binding on the carrier, as it is written thereon merely for information. The carrier can collect either of the consignor or consignee and if neither pays can exercise its lien on the freight for the charges. Consignee could refuse to accept the shipment, and agent wire back to point of origin to learn whether freight charges had in fact been paid. Marking Bs/L prepaid and failing to collect of consignee would open the door to rebating; and under the law carriers are required to collect the full amount of the freight charges as shown by tariffs. If any reader knows of court decisions to the contrary he should let it be known.

Japan has been having a corner in rice, but none has been beheaded.

A pellagra conference was held in Corbin, Ky., during the week ended Aug. 12, to discuss cause and possible remedies for the disease. Officials from the Kentucky insane asylums and physicians from all parts of the state attended.

A bill making it unlawful to send a message offering to enter into a contract for the purchase or sale of wheat, corn or oats without intending that the grain shall be delivered has been introduced by Miles Poindexter of Washington as Senate Bill 2946. It provides that persons sending messages relating to making contracts for future delivery of wheat, corn or oats shall file with the telegraph or telephone company an affidavit that actual delivery is intended. Section 6 establishes a censorship on books, newspapers, pamphlets, letters or other publications tending to promote the making of contracts without intention to deliver. Any person knowingly depositing or taking from the mail such publications shall be subject to a fine of \$500 to \$5,000.

### ILLINOIS MOISTURE TEST Rule Unchanged.

On no single point of grain inspection has so much argument been expended as upon the percentage of moisture permissible in No. 3 corn. The Illinois State Railroad and Warehouse Commission has been deluged with oral, written and telegraphic communications upon this matter since it was announced that it would consider a change in the moisture test or revise the phraseology of the rules for grain inspection to eliminate the moisture test as the determining factor in grading corn.

Chairman Orville F. Berry has read every letter received by the Commission on this subject, has considered the evidence presented in the verbatim report by the Commission's own stenographer of the discussion of the moisture test at the last meeting of the Illinois Grain Dealers' Ass'n and has read what has been published on the moisture test in the Grain Dealers Journal.

Realizing the injustice of the heavy discounts on corn missing grade on account of fractional excess of moisture Commissioners Berry, Willoughby and Eckhart have endeavored to find some ground in reason for the change in rules desired by some shippers of corn. The Commission has even been willing to go outside of its own province with suggestions as to how the matter of discounts on No. 4 grade could be adjusted more equitably.

The Commission has decided to make no change in the rules governing the moisture test or its application to grading. The reasons for this decision will be made public by the Commission in a lengthy opinion early in September.

### The Mainspring's Mistake.

BY J. C. C.

Mr. Hi Corn learned his A. B. C.'s from the motto: "Heaven helps those who help themselves." When he went to work as a rustler about the elevator, the boss made him do every manual stunt from cleaning the cupola to shoveling snow off the scale platform. After long and weary years of this roustabout work Hi became first-man at the elevator. This meant snaps for all of his subordinates, for in not being able to explain anything except with his hands and not having confidence in his men, Hi did all the work while trying to instruct his underlings how to do it.

Away 'long 'bout bald-headed time old Hi got an elevator of his own, and he let his employees do the thinking while he did the work. Then one day he got an attack of lumbago and had to lay off in bed for a couple of weeks. Within two hours after the first time Hi did not get down to the elevator everything went wrong—they dumped oats into the bin on top of the wheat, the gasoline engine balked, the elevators were choked and the dumps were all full—because everyone was telling some one else how to do it.

Moral: He who fails to teach his help to depend upon themselves when he is present will find that nothing is done right when he is absent.

Barley of the new crop has begun moving this season at the highest prices ever paid at this time of year.

The Government report must be discounted; but there is no concentrated effort. We must have better prices later if there is any truth in the Government report.—S. J. Clevenger.



## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### COLORADO.

Broomfield, Colo.—Wheat crop is poor in this vicinity on account of scarcity of water early in the spring; will not be more than half a crop.—A. H. Nissen.

### IDAHO.

Weiser, Ida., Aug. 8.—Grain crop is the biggest we ever had, twice as large as last year and then some.—J. H. Ricker, Jr., pres. Payette-Weiser Mfg. Co.

Sweetwater, Ida.—Threshing is in full blast. Biggest crop ever harvested in Nez Perce County. Grain is of good quality, coming in slowly for lack of teams. Between July 19 and Aug. 3 we took in 1,500 sacks of barley and 3,000 sacks of wheat, both graded No. 1.—Peter Muench, agt., J. Alexander Co.

### ILLINOIS.

Ellis, Ill.—Corn looks good, recent rains have helped it;  $\frac{3}{4}$  of oats in farmers' hands.—Sells & Rice.

Wedron, Ill., Aug. 17.—Growing corn is good at this point. Oats good so far as threshed.—E. J. Belrose.

Champaign, Ill., Aug. 21.—Corn will yield 75% in some parts, but is very spotted. We have not had a general rain since April.—M. L. R. Tankersley.

Monee, Ill., Aug. 16.—Corn prospects are fine for a large crop. Oats are making 40 bu. per acre, 10 bu. more than was expected.—Geo. S. Miller.

Joliet, Ill., Aug. 21.—Corn in this territory never looked better; we expect a bumper crop. Oats and wheat also gave good yield of good quality.—C. H. Brown, Truby Grain Co.

Mt. Auburn, Ill., Aug. 21.—Prospects for new corn crop are very good in this immediate territory. Some corn selling at 50c, but farmers are not free sellers.—H. J. Casley, agt. McClure Grain Co.

Roodhouse, Ill., Aug. 17.—Corn is good throughout this section, but east of here it has been damaged some by hail and wind. Trade has been good all this season.—H. M. Battershell, mgr. Elmore & Lemon.

Meeks, Georgetown p. o., Ill.—I never saw it so dry. Pastures and spring-fed streams are all dried up, also many wells. Stock is being sold and many farmers are discouraged. Our corn acreage is about an average and it looks well, but I doubt if it will fill. Our oats and wheat crop were a pleasant surprise.—W. P. Lewis.

Red Oak, Ill., Aug. 16.—Threshing about half done; shows a fair crop. Oats run from 20 to 50 bus. per acre. Barley rather poor. Rye made a fair crop. Grain still in shock is sprouting. Much rain in the last ten days has caused considerable damage that will be offset somewhat by its benefit to corn, fall pastures and late potatoes.—C. A. Phillips, agt. B. P. Hill Grain Co.

### INDIANA.

Indianapolis, Ind., Aug. 17.—The wheatlands of southwestern Indiana have suffered much from foul seed and other trouble.—Chas. B. Riley, sec'y Ind. G. D. Ass'n.

Indianapolis, Ind., Aug. 23.—Indiana farmers are hoping for rain, as the last few weeks have told on corn; continued dry weather will likely cut the yield to less than a half crop. A few isolated districts have had plenty of rain, but even these now need it.—F.

Culver, Ind., Aug. 22.—Our station has the best prospect for corn that it has had for the last six years, altho we can not stand a frost for the next three weeks at least. Our farmers are putting out less acreage of wheat this year.—Arthur Castleman, mgr. Culver City Grain & Coal Co.

Indianapolis, Ind.—Crop conditions in Indiana are not encouraging. Wheat is about all threshed and the crop is hardly an average, but the quality is excellent. Oats and hay crops below the average. Corn is suffering for rain and unless that comes soon the crop will be short.—F.

Markle, Ind., Aug. 19.—Wheat and oats crops good; wheat ranged from 14 to 35 bus. per acre of good quality; oats, 40 to 70 bus., but some of it light weight. Both wheat and oats were sold freely from the machine, but more oats than wheat binned. Not much wheat will be marketed here the rest of the year. Corn promises well. Late corn was improved by rains while early corn was shortened some by drouth. Hay a short crop.—J. F. Plice.

Rockville, Ind., Aug. 15.—Wheat movement now practically nothing at all our points. Corn will not move at under 60c to the farmer. Oats not selling at all. We will shortly be realizing a very strained feed position unless we get rains soon and plenty. Pastures are burned up and are shorter than at any time since 1908. Corn has damaged more in the past week than in all the July heat, and much of it is dried on the stalk. Firing is now very common. We have had only a bare trace of rain this month and none at all in the past week. We have seldom had a more gloomy outlook, but good rains would save most of the crop and we might have  $\frac{3}{4}$  as much as last year, but another week of dry, hot weather and we can not have two-thirds.—Rohm Bros.

### IOWA.

Williams, Ia.—Oats yield about 30 to 35 bus. per acre, quality good. Farmers are storing for higher prices.—J. H. Wille, agt. Vorhes Bros.

Merrill, Ia.—Our crops are fairly good. Wheat is yielding about 16 bus. per acre; oats, 20 to 25; barley, 7. Corn will be about  $\frac{1}{4}$  short.—J. E. Luken, mgr. Farmers' Eltr. Co.

Odebolt, Ia., Aug. 17.—Average yield of oats in this locality is 33 bus. per acre; barley, 20; wheat, 15; estimate on corn, 25 to 30 bus. per acre. Popcorn, for which this locality is noted, will run from nothing to 50% of a crop. Not over 1½ inches of rain from June 20 to Aug. 10.—C. W. Boyer, agt. Trans Mississippi Grain Co.

### KANSAS.

Logan, Kan., Aug. 17.—Our wheat crop almost a total failure.—E. T. King & Co.

Walker, Kan.—People around here did not raise any crop and will have no grain to sell.—N. Riedel.

Edna, Kan., Aug. 21.—Not much doing as grain is scarce. Dry weather in June struck us hard, about finished the oats and but little wheat is saved. We may have a little corn, but need rain at once or the late bunnies will be cut short.—James A. Long.

Delphos, Kan., Aug. 9.—Outlook is now better for crops of all kinds than a month ago. Wheat acreage will be a little larger than last year. Corn will make about 75% of last year's crop. Cane and other feeds are coming along fine.—Wheeler & Baldwin.

### KENTUCKY.

Lexington, Ky., Aug. 17.—Yield of wheat has been generally good here on short acreage. Our farmers are sowing less wheat each year, claiming they can not compete with the cheaper lands in the west. Growers are holding a very small per cent, having sold their crops at harvest time.—A. B. Bleidt, sec'y C. S. Brent, Inc.

The Kentucky crop report for August places the condition of corn at 79% against 95% in July, 70% last August and 73% last Sept., when the crop yielded 105,000,000 bus. Corn needs rain badly. Wheat has made a good average yield, 96% compared with that of last year when it was 10,000,000 bus. August condition of oats, 67%, July, 64%; rye, 91%.

### MARYLAND.

Middleburg, Md.—About  $\frac{3}{4}$  crop and movement heavy; farmers disposed to sell.—E. O. Cash.

### MICHIGAN.

Gagetown, Mich.—Crops look very well, but we need rain for beans and corn.—Gagetown Grain Co.

Lenox, Mich.—Hay about an average crop, good quality; lot of mixed hay, more than timothy.—Gilbert Newberry.

Charlotte, Mich.—Our wheat was the best in 20 years, running from 25 to 35 bus. Oats a fair crop and corn never looked better.—L. H. Shepherd Grain & Bean Co.

### MINNESOTA.

Stillwater, Minn.—Oats a good crop—P. F. Stone, mgr. Stillwater Equity Market Co.

Stillwater, Minn.—Quality of rye good, acreage 15% larger; barley poor.—M. Turnquist, agt. Dibble Grain & Eltr. Co.

Thief River Falls, Minn., Aug. 17.—Crop conditions fair, about 20 bus. per acre expected.—Peter Hughes.

Albany, Minn.—Oats poor, 25 to 30 bus. Rye is a pretty fair crop, good quality, 25 bus.—M. H. Nett, mgr. P. J. Nett.

Freeport, Minn., Aug. 16.—Oats 15 to 20 bus; quality light. Barley a poor crop.—M. Hoeschen.

Albany, Minn., Aug. 16.—Wheat 8 to 10 bus., not better than No. 3, most of it No. 4.—John Wertin, of Kraker & Wertin.

Melby, Minn., Aug. 18.—Wheat 5 to 10 bus. poor lot of feed wheat. Flax fair, 14 bus.—H. P. Landon, mgr. Farmers Elev. Co.

Org, Minn.—Crops poor; oats yield from 5 to 19 bus. per acre; flax, 2 to 4; barley, 5 to 10. Can not say about corn yet.—C. F. Pierce, agt. Skewis Grain Co.

Lake Park, Minn., Aug. 21.—Flax good, 12 bus. per acre. Oats are extra good, test fully 32 lbs.—C. T. Strand, agt. Federal Eltr. Co.

Hawley, Minn., Aug. 21.—Flax fair, better than last year, average 12 bus., good quality. Wheat fair quality and good yield.—O. M. Lee, agt. Duluth Eltr. Co.

Lake Park, Minn., Aug. 21.—Wheat a fair crop, acreage smaller, 12 bus. per acre. Barley a poor crop, stained.—A. L. Doeg, mgr. Lake Park Farmers Eltr. Co.

Nelson, Minn., Aug. 17.—Wheat 7 to 10 bus., poor quality. Oats very poor. Flax good, barring frost. Barley about 50% of a crop, light weight.—Thos. Olson.

St. Cloud, Minn., Aug. 16.—Oats a fair crop, 25 bus. to acre. Rye 23 bus., fine quality; a bumper crop of corn.—H. C. Ervin.

Parker's Prairie, Minn., Aug. 22.—Wheat 7 bus. per acre, test 52 lbs. Barley 15 bus., test 45 lbs., stained.—Math. Kraemer, agt. Woodworth Eltr. Co.

Parker's Prairie, Minn., Aug. 22.—Oats good crop, 25 to 40 bus. Flax 15 bus. per acre and good quality.—G. H. Schoutz, Prop. Park Region Elev. Co.

Henning, Minn., Aug. 22.—Flax crop fair, 10 bus. per acre. Barley 15 bus. per acre, test 45 lbs., stained.—J. H. Whiting, agt. Atlantic Eltr. Co.

Freeport, Minn., Aug. 16.—Wheat 50% of a crop, 10 bus. per acre, shrunken and of poor quality, testing 48 to 50 lbs.—H. H. Uhlenkott, mgr. Geo. Uhlenkott.

Detroit, Minn., Aug. 22.—Oats fair in quality and weight, yield about 35 bus. Flax is fairly good, 10 to 12 bus.—E. H. Blaisdel, mgr. Blaisdel Mfg. Co.

Vesta, Minn., Aug. 10.—Threshing has started. Wheat yields from 4 to 10 bus. per acre; oats very poor; barley poor; corn half a crop.—Ag. Bingham Bros.

Evansville, Minn., Aug. 18.—Wheat rusted, 8 bus. per acre. Oats colored some, 35 bus. Flax good, 12 bus.—J. J. Davidson, mgr. Evansville Farmers Eltr. Co.

Albany, Minn., Aug. 16.—Wheat 8 to 15 bus., grade No. 2 and No. 3. Oats yielding 25 to 40 bus. per acre; rye 20 to 30 bus. of fine quality.—Joseph Lehner, agt. National Eltr. Co.

Henning, Minn., Aug. 22.—Wheat 7 bus. per acre, poor quality and weight, dam-



aged by black rust. Oats fairly good, 30 bus.—A. Anderson, mgr. Farmers Eltr. Ass'n.

Radium, Minn., Aug. 21.—Oats and barley are good; wheat fair, but will be a light crop on account of rust; flax fairly good.—T. T. Shantzen, agt. Northland Eltr. Co.

Hawley, Minn., Aug. 21.—Wheat a fair crop; 12 bus. per acre, mostly No. 2. Oats 30 bus., quality good; acreage is smaller than last year.—Wm. Ritterman, Prop. Ritterman Eltr. Co.

Ashby, Minn., Aug. 18.—Wheat badly shrunken by rust, No. 4, 5 to 12 bus. Flax is good, yield about 15 bus. per acre.—C. E. Thorstenson, agt. Northwestern Eltr. Co.

Sauk Center, Minn., Aug. 16.—Will not have over 20% of a wheat crop, test 51 lbs., shrunken oats, 10 bus. per acre, light. Flax 10 bus., quality good.—A. E. Erwin, mgr. Erwin Eltr. Co.

Detroit, Minn., Aug. 22.—Wheat 60% of average, and will grade about No. 3, acreage 20% larger than last year. Barley an average crop, 30 bus. per acre.—M. C. Barry, agt. Andrews Grain Co.

Alexander, Minn., Aug. 18.—One-third of a wheat crop, poor, 6 bus. Oats 18 to 20 bus., very light. Rains have delayed threshing.—S. D. Johnson, agt. Atlantic Eltr. Co.

Hawley, Minn., Aug. 21.—Barley fair, acreage light, colored on account of rains, test about 44 lbs. Wheat acreage larger than for several years.—J. Fridlund, mgr. Hawley Farmers Elev. Co.

Albany, Minn., Aug. 16.—Will have about 50% of a crop; quality of wheat is poor. Oats, barley, rye and corn of good quality. New wheat will commence to move within a week.—Geo. M. Schaefer.

Fergus Falls, Minn., Aug. 19.—Wheat damaged 50% by black rust, 7 bus., 50 to 51 lbs. Barley fair, 25 bus., small acreage.—M. A. Mortenson, mgr. Farmers Co-operative Eltr. Co.

St. Cloud, Minn., Aug. 16.—Wheat is spotted, some 8 bus., some 20 bus. per acre. Oat crop very light, good color. Rye best in years. Barley fairly good quality, good color.—Wm. Stratton, vice-pres. the Geo. Tileston Mfg. Co.

Osakis, Minn., Aug. 17.—Wheat 7 to 8 bus., dry weather and black rust damaged it. Oats light weight. Barley not over 50% of a crop, 40 to 44 lbs. Not over 5% of old wheat in farmers' hands.—H. E. Gingery.

Fergus Falls, Minn., Aug. 19.—About 50% of a crop in this territory. Wheat is of poor quality, will grade No. 4 mostly, flax is good and will yield about 15 bus. per acre barring frost.—J. R. Anderson, mgr. Red River Mfg. Co.

Parker's Prairie, Minn.—Wheat is going to be of very poor quality on account of black rust; the average yield will be 6 to 10 bus. per acre. Barley, rye and oats will make an average yield. Flax and corn look good so far.—M. Kraemer, agt. Woodworth Eltr. Co.

Reading, Minn., Aug. 17.—Crops in Nobles County are very poor. Oats yield from 5 to 20 bus. per acre; wheat, 7 to 14; flax, 1 to 5. However, abundant rains in the last 10 days will do the corn much good.—H. Rust, agt. Moreland & Shuttleworth.

Alexandria, Minn., Aug. 18.—Flax better than last year, 15 bus., most of it isn't cut. Rye light. Barley and oats light in weight. The feed crop will be much better than last year. Wheat 8 bus., 52 lbs.—H. S. Campbell, agt. St. Anthony & Dakota Elev. Co.

Dalton, Minn., Aug. 19.—Wheat 9 bus. per acre, 45 to 55 lbs., lot of feed wheat. Barley is fair, light, color is fairly good. Flax looks fine. Oats good quality, but none to ship on account of short crop last year.—M. N. Rovang, mgr. Dalton Co-Op. Warehouse Ass'n.

Sauk Center, Minn., Aug. 17.—Wheat very poor, not over 5 bus per acre; blue stem wheat is full of black rust, hot winds

caused considerable damage; practically all the wheat is in. No milling wheat in this section.—L. W. Gingery, mgr. Lee & Gingery Co.

Glyndon, Minn., Aug. 21.—Wheat fairly good, 12 bus. per acre, several loads testing 57 lbs. Barley is good, but colored from recent rains, test from 40 to 46 lbs., yield from 30 to 35 bus. per acre; acreage is one-third smaller than last year, wheat acreage is 30% larger than last year. Oats are extra good; will have a good average crop, yield fully 30 bus. per acre.—Oscar Wongan, agt. Duluth Elev. Co.

Princeton, Minn., Aug. 18.—We never had a better prospect for a large wheat crop until about two weeks before harvest when hot winds and dry weather ruined it. Black rust set in and, in consequence, the yield is only 6 to 10 bus. per acre and quality very poor; No. 3 wheat is the best received so far. Oats not much better in yield. Rye is of excellent quality and goes 24 to 36 bus. per acre. Corn and potatoes never looked better and, if frost keeps off 15 to 20 days longer, we will surely have bumper crops of those. Hay is fair to good.—P. F. Wikeen, agt. St. Anthony & Dak. Eltr. Co.

## MISSOURI.

Columbia, Mo., Aug. 5.—Condition of corn is placed at 61.2 compared with a ten-yr. average of 78.9 and 82.2 last year. About 76% of the wheat has been threshed and indicates a final yield of 15.2 bus. The yield of oats is estimated at 17.6 bus., 40% having been cut. Condition of broomcorn is placed at 60 and flax at 39.—Missouri Dept. of Agri.

## NEBRASKA.

Sunol, Neb., Aug. 8.—The crop is almost a failure here.—L. F. Demers.

Cook, Neb., Aug. 8.—Wheat good; corn looking fine.—The Farmers Eltr. Co.

Walthill, Neb., Aug. 17.—Corn crop looks good. Oats a light yield of light weight. Barley of good quality but a light yield.—J. W. Harker, former agt. Sioux City Grain & Lbr. Co.

Winside, Neb., Aug. 8.—Oats are yielding from 6 to 25 bus. per acre; wheat, 15 to 18; barley, 6 to 16.—I. M. Hills, agt. Anchor Grain Co.

Table Rock, Neb., Aug. 19.—About 50% of the wheat in farmers' hands. Corn is far better than anticipated, a bumper crop is now expected, plenty of moisture.—J. F. Owen, agt. Central Granaries Co.

## NEW YORK.

Albany, N. Y.—It is that the bean crop in this state will be the poorest in 25 yrs. Excessive heat and dry weather, together with terrific windstorms, are the causes.

## NORTH DAKOTA.

Edmore, N. D., Aug. 21.—Crops look good, but slow in ripening. Wheat from 15 to 20 bus. per acre.—J. H. Widness, agt. St. Anthony & Dak. Eltr. Co.

Bismarck, N. D., Aug. 14.—Reports of damage to crops greatly exaggerated. Three-fourths of a crop of wheat, full crop of rye and corn, best in years.—W. C. Gilbreath, Commissioner of Agri.

Wheat is fine thru the northeastern part of N. D. from Grand Forks thru the eastern part of Walsh and Pembina counties, but rust in it. This territory will have an average crop and quite likely that the majority of it will grade No. 2 Northern. Flax and oats look fine and barley is an average crop.—W. D. Sammis, Minneapolis, Minn.

## OHIO.

Delphos, O.—Corn is averaging 50 bus. per acre, and is of fine quality.—L. C. Alinger.

Galloway, O., Aug. 16.—I have shipped 25,000 bus. of new wheat; same amount being held over.—Geo. B. Earley.

Maria Stein, O., Aug. 10.—Wheat is yielding about 20 to 25 bus. per acre. Oats is short but of fair quality.—The Meyer & Patty Co.

Edison, O., Aug. 8.—Wheat is of good quality, yielding about 12 bus. per acre. Not much will be sown this fall on account of the fly. Oats is of fair quality, averaging about 25 bus. Corn prospects are for the largest crop we have had for 3 years. Hay is very short, and farmers are holding for more money.—Blair & Howard.

## OKLAHOMA.

Hopeton, Okla., Aug. 3.—No wheat was raised in this part of the state this year; oats about all rotted in the shock. However, corn and kaffir corn is the best we have ever had. Wheat acreage next year will be about 60% of normal because of the difficulty in obtaining seed.—G. S. Percival, Agt. Randels & Grubb.

## PENNSYLVANIA.

Norristown, Pa., Aug. 17.—A bumper crop of corn altho some of the early sown was hurt by the dry weather.—Geo. C. Morgan.

Philadelphia, Pa., Aug. 22.—The Lehigh Valley wheat is about harvested, and the yield is fairly up to the average, tho in a few instances the Hessian fly has made inroads. A big crop of oats, and a good acreage of corn.—S. R. E.

## SOUTH DAKOTA.

Valley Springs, S. D.—We will not have any grain to ship.—G. W. Wright.

Colton, S. D., Aug. 10.—Oats and barley practically a failure.—The Colton Grain Co.

Chelsea, S. D., Aug. 11.—Crops light, will not ship over 5,000 bus.—John Wederhoff.

Valley Springs, S. D., Aug. 19.—Very little wheat, barley or oats. Corn prospect good.—G. W. Wright.

Worthing, S. D., Aug. 21.—Corn crop in this part of state fine.—James Madden & Son.

New Underwood, S. D., Aug. 16.—Crops total failure, short on account of small acreage.—Bibbertin Eltr. Co.

Wessington Springs, S. D., Aug. 12.—Crops are very short here.—J. H. Creighton, mgr. Farmers Eltr. Co.

Milbank, S. D., Aug. 21.—Wheat yielding 1 to 10 bus. and of poor quality. Oats a failure and barley a poor crop. Light crop of flax.—C. M. Maynard.

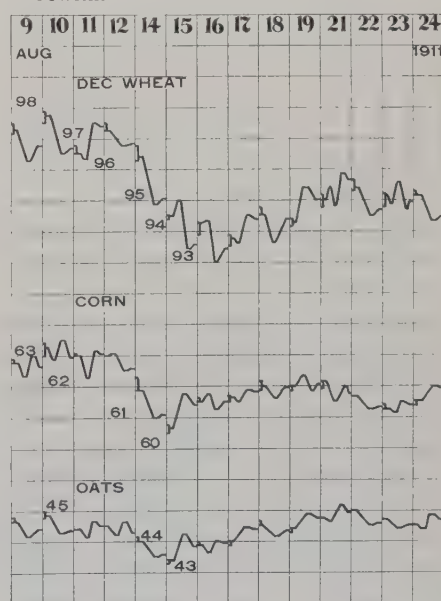
Morristown, S. D., Aug. 13.—Grain in eastern part of state still in shock, on account of recent rains; the latter has helped the pastures. No grain will be shipped from the northern half of the state.—H. W. Donnan.

Fairview, S. D., July 17.—Wheat making 10 to 20 bus., oats 10 to 40 bus., some cut for hay, corn growing tho ground is very dry, expect half crop. Hay a failure. Farmers are holding old grain back.—W. P. Manning, mgr. Farmers Co-op. Grain Co.

La Bolt, S. D., Aug. 3.—Light crop of small grain, doubtful whether farmers will get their seed back; recent rains will make the corn prospect better. Last year we handled 125,000 bus.; this year I look for 8,000 bus.—Samuel Johnson, mgr. Farmers Gr. & L. S. Co.

## Chicago Prices

The opening, high, low and closing quotations on wheat, corn and oats for the December delivery at Chicago for two weeks past are given on the chart herewith.





## TENNESSEE.

Talley, Tenn., Aug. 21.—Corn crop promises best in years.—J. S. Conrad.

## TEXAS.

Ft. Worth, Tex., Aug. 11.—Worms are destroying much June corn, kaffir corn and milo maize and coupled with the intense heat and drouth have greatly shortened the yield of forage crops. Corn condition not better than 25%. Farmers should plant wheat for pasturage.—G. J. Gibbs, sec'y Texas G. D. Ass'n.

Fort Worth, Tex., Aug. 7.—Every one seems to have all the corn needed and oats are a "hand to mouth" proposition. Texas mills are well supplied with wheat. Many acres of forage crops have been planted but their yield is problematical. They will not take the place of our hay shortage; but whether they yield any grain is uncertain, we would rather say they will not.—E. R. Kolp.

## WISCONSIN.

Waldo, Wis.—Shortest crop known.—Harmon & McIntyre.

Hartland, Wis., Aug. 15.—Will not have over ½ crop.—F. M. Pynn.

Strum, Wis., Aug. 15.—Oats and rye better quality than last year.—T. M. Olson.

Rib Lake, Wis., Aug. 15.—Crops best in 25 years.—Jos. Brehm.

Plymouth, Wis., Aug. 15.—Barley averaging 15-30 bus.—E. C. Collins.

Lena, Wis.—Hay crop very good, rye fair, and oats 66% of an average crop.—J. M. Bassett.

Wauzeka, Wis., Aug. 15.—Will not ship much grain this season.—G. F. Bennis.

Hudson, Wis., Aug. 8.—Oats averaging 40 bus. and the quality of rye excellent.—H. C. Hanson, mgr. Farmers Eltr. Co.

Richland Center, Wis., Aug. 16.—Will not ship any wheat or oats this season, but may ship some rye.—W. A. Breeden & Son.

New Richmond, Wis.—Barley only a fair crop, colored and shrunk; rye good quality. R. H. Williams, mgr. Farmers Grain Co.

Marshfield, Wis., Aug. 15.—Continuous rains are spoiling oats, rye and barley, but are helping corn and second crop of hay.—Spar Cereal Co.

New Richmond, Wis.—Oats acreage is large, light in weight; rye good.—S. C. Boardman, Sec'y New Richmond Roller Mills Co.

Hixton, Wis., Aug. 15.—Oats yielding 30 bus., barley 20 bus., rye 18 bus.—H. E. Burton, mgr. Farmers Grain & Merc. Co.

Zanoni, Wis., Aug. 17.—Oats light and short yields of rye. Corn above the average. An abundance of hay to market. A large acreage of rye sown this fall.—H. D. White.

Eau Claire, Wis., Aug. 4.—Oats crop fairly good, same acreage as last year, average 35 bus. per acre, test 28 to 35 lbs. Rye fine crop, quality and yield good.—J. M. Craemer, agt. Milwaukee Eltr. Co.

Menomonie, Wis., Aug. 5.—Rye is a good crop, 15 bus. per acre, good weight. Oats only fair crop, acreage same as last year, 35 bus. per acre, and light in weight.—Victor Deiseal, agt. Wisconsin Eltr. Co.

Grand Rapids, Wis., Aug. 1.—Rye is an excellent crop, acreage is considerably larger than last year, quality good, fully 56 lbs. per bu. Beans looking good, acreage same as last year.—J. P. Horton, sec'y-treas. Grand Rapids Mfg. Co.

Cadott, Wis., Aug. 3.—Oats are lodged, but a good fair crop, barley and hay also good crops, slight increase in acreage of oats. Just commenced threshing oats and barley, oats will yield about 40 bus.—W. M. Smith, mgr. Cadott Eltr. Co.

Marshfield, Wis.—Rye will be a fair crop, will run about 20 bus. per acre, same acreage as last year. Oats in poor condition and light in weight, will have about one-half crop; oats will be held for feeding.—C. J. Sparr, pres. Sparr Cereal Co.

Woodville, Wis., Aug. 7.—Flax looking good, acreage considerably larger than last year. Rye in fair condition, some pretty thin. No oats threshed, will average about 40 bus., good weight. Barley good crop, small acreage.—H. Veenendall, mgr. Woodville, Eltr. Co.

We feel that oats will not go higher till the middle of September, when the rush is over.—M. F. Miller, L. F. Miller & Sons.

## BUCKWHEAT CROP REPORTS.

Zanoni, Wis., Aug. 17.—Buckwheat looking fine.—H. D. White.

Prattsburg, N. Y., Aug. 18.—The buckwheat crop in this section is looking good and the acreage is about the same as usual.—Clark Bros.

Galway, N. Y., Aug. 17.—Buckwheat looking good here. The acreage is large and dry weather is hurting it but little.—E. Parkis.

Kitzmiller, Md., Aug. 17.—Prospects are that the buckwheat crop will average from half a crop to fairly good. We think it will be better than last year.—Rafter Mill Co.

Benton, Pa., Aug. 17.—The buckwheat acreage is as large as last season and the crop has a good stand.—Benton Roller Mills, per John J. Mathes.

Fairchild, Wis., Aug. 17.—The growing crop of buckwheat looks fine. The weather is good and as we have plenty of rain it seems that the northern part of this state will have a big crop.—N. C. Foster.

Kittanning, Pa., Aug. 18.—The acreage of buckwheat is slightly larger than last year and the condition of the growing crop fair. The promise is for an average crop.—D. H. Boarts.

Wilkes-Barre, Pa., Aug. 17.—The acreage of buckwheat in this portion of the state is the same as it was last year. Rain will be needed very soon or we will not get a full crop.—Miner-Hillard Milling Co.

Oneonta, N. Y., Aug. 19.—Buckwheat in this locality is good as we have had fairly good rains. We believe the acreage is short, the old buckwheat having been all used, it was difficult to get seed.—Elmore Milling Co.

Eaton, N. Y., Aug. 17.—In this section a good acreage has been sown to buckwheat. The fields are looking fine and promise a full crop, the weather being favorable to its growth.—Eaton Buckwheat Milling Co.

Constantine, Mich., Aug. 16.—The buckwheat crop is not going to be very large, as the acreage is not over ¼ of two years ago. We will not have enough to ship out even one car from this part of the country, and it will take all that is grown here to supply our home trade. What there is of it looks very good.—Constantine Milling Co.

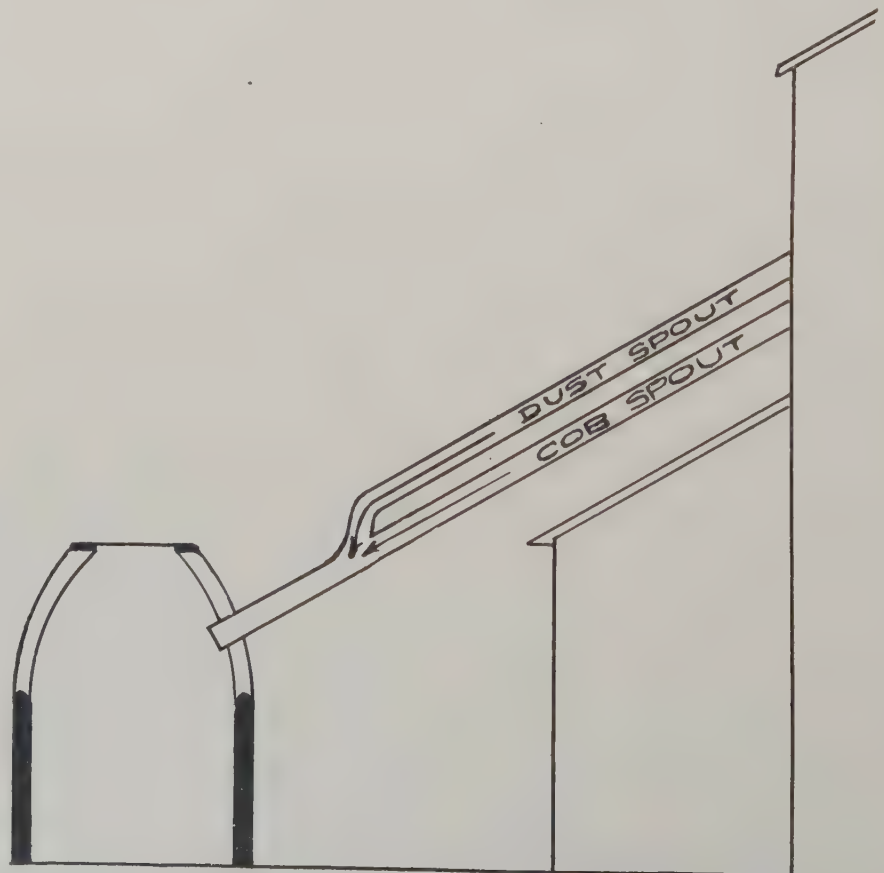
## DANGEROUS SPOUTS TO Cob Burner.

If the farmers would haul home cobs and spread them about their farms, they would need less fertilizer, and the grain elevator man would not be put to the expensive necessity of providing a cob burner to dispose of the refuse.

Some months ago an Indiana elevator was totally destroyed, as a direct result of defective spouting from corn cleaner in cupola of elevator to cob burner. The dust spout joined the cob spout some distance from the elevator, and the contents of both were turned into the cob burner thru the small spout shown in illustration herewith. The fire was discovered in the cupola some time after the plant had been started shelling corn, and inasmuch as the spouts were no doubt full of refuse at the time, the natural surmise is that the sparks from the cob burner set fire to the shucks and cobs in the spout, and communicated fire to the cupola. If sufficient dust is produced to necessitate its being blown away, then it should be carried into a dust house, collected, and sold for mixing into feed.

It is decidedly dangerous to spout anything direct from cob burner to cupola of elevator without a trap valve, which will prevent fire being communicated from the cob burner to elevator.

Illustrated herewith also is a cob spout to a burner, which is completely inclosed, down to within a few feet of the burner, where a square spout without any top is installed. This is supposed to allow the air to pass up and out, and thus kill the natural draft up the spout, but it does more. Whenever cobs, shucks and dust have accumulated in the square part of the spout, they form a very inviting resting spot for stray sparks, and



Defective Spouting from Cupola to Cob Burner.



thus increase, rather than reduce the fire hazard of the elevator.

Cob spouts to burners should be thoroly enclosed, and every means adopted for preventing the spread of fire up the cob spout. Many cob spouts to fuel room adjoining boiler room have been the direct cause of the elevators burning, but they are still more hazardous when connected direct with the cob burner.

While it may be necessary to use cob burners a few years more, still the time is near at hand when this waste product will be utilized. If the elevator man must burn it, he should adopt safer means for doing so.

Corn is two weeks ahead of last year, so the weather will have to be unusual to hurt it.—W. W. Walton.

Rosner & Faludi, grain dealers of Budapest, have failed, with 2,000,000 bus. of open trades and about \$100,000 net liabilities.

Corn has been stricken from the bill of fare at the Eastern Kentucky Asylum, Lexington, Ky., following three deaths from pellagra.

James Wilson, sec'y of the U. S. Dept. of Agriculture, on Aug. 16 celebrated the 76th anniversary of his birthday. He has been sec'y since 1897.

The big decline and heavy receipts of oats has a weakening effect on the market.—W. K. Woolman.

For criminal conspiracy 15 unlucky members of the New York Live Poultry Dealers' Ass'n, on Aug. 16 were fined \$500 each and sentenced to 3 months in the penitentiary.

Available supplies of buckwheat for the United States will be increased 50 per cent in the event of the passage of the reciprocity bill by Canada, removing the duty of 15c per 48 lbs. The U. S. crop is about 15,000,000 bus., and that of the Dominion 7,000,000 annually.

## KEEPING RECORD OF GRAIN Received From Farmers.

BY J. C. C.

In keeping a record of grain received, the first point which a county buyer considers is that of convenience. He wants a system which requires the least amount of time and effort, and at the same time gives entire satisfaction. To obtain the best results it is necessary to keep permanent record of the amount of each kind of grain received, from whom it was received, and the price paid for it. The amount of each kind of grain should be recorded separately and in such a way that the grain dealer may quickly and easily determine at the close of each day, or any other time, the total amount of each kind of grain received.

For this purpose many country buyers use a combination receiving and stock book, containing columns for the date, the name of the seller, the gross, tare and net weights, columns for bus. of wheat, bus. of corn, bus. of oats, etc., price, amount, and remarks. Each wagon load of grain received is entered in this book; wheat is entered in the wheat column, corn, in the corn column, etc. At the close of each day the dealer can by adding up each column of grain determine in a few minutes the whole amount of each kind of grain received.

Another point to be considered is that it is very convenient to have all wagon loads delivered by each farmer recorded together in the receiving book. This will facilitate assembling the amounts when the farmer comes to settle. For this purpose it is very convenient to use the duplicating scale tickets and at night post each farmer's deliveries to his page in the receiving book. One scale ticket is given the farmer and the carbon copy of it remains in the book. These duplicating tickets may be procured in sheets of five, so that the removal of any ticket does not disturb the others. Grain dealers who follow this system find that it is very convenient and labor and trouble saving.

## Screenings

"The charm of life, that which gives it its zest and meaning, is to do useful work for our time, our place and our generation; to realize that we are needed in the progress of things, and even at time appreciated; to give more than we receive; to place usefulness ahead of emolument; to push the world a little inch up-hill, to plant a flower in everybody's garden but our own."—John W. Alvord.

Canada will vote on reciprocity Sept. 21.

"Corn Secrets" is a manual of 79 pages of general information for the corn grower, by P. G. Holden, illustrated with 112 engravings.

The potash fertilizer deposits of Germany are estimated sufficient to supply the needs of the world for over 600,000 years.

A "futures" market for Antwerp is contemplated by grain merchants of Belgium to facilitate trade and to place their market prominently before the world.

A grain man without the Grain Dealers' Journal is like a person at a theater without a program. I receive it regularly, as every grain dealer in America should.—Martin Wade, W. Trow Co., Madison, Ind.

I look for the Grain Dealers Journal as regularly as meal time comes and feel I cannot get along without it.—John F. Burns, agt. Trans-Mississippi Grain Co., Correctionville, Ia.

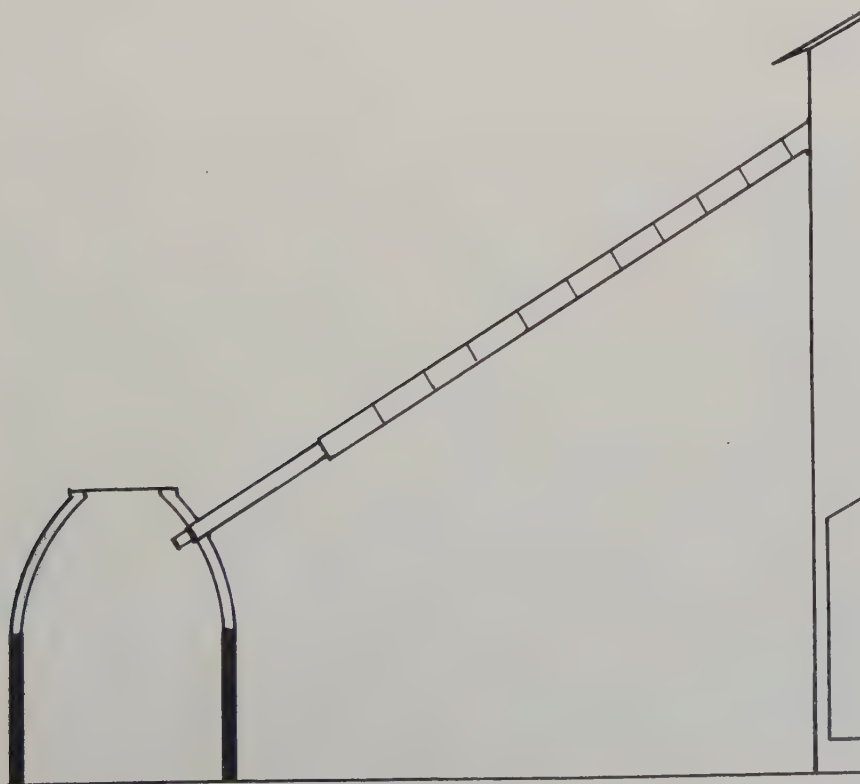
A National Corn Show will not be held this year, prospective backers having been deterred by the probability of loss. A few state and many local corn shows will be given.

A grasshopper poison newly discovered by the Minnesota state entomologist is composed of 3 lbs. sodium arsenite, 180 gallons water and 1½ gallons molasses. First dissolve the sodium arsenite in the water and add the molasses. Spraying should be done in the early morning, at the rate of 50 gallons per acre.

For the fixation of atmospheric nitrogen 100,000 h.p. of electrical energy is now being used at Niagara Falls, in Norway, Austria, Germany and other countries; and the quantity of current used will be doubled within a year. Several new processes of manufacturing this valuable cyanamid fertilizer have been proposed.

The influence of the moon on plant growth has been tested by the famous French astronomer, Camille Flammarion, as described in the *Bul. Mens. Off. Renseign. Agr.*, Paris, 1910, No. 11. In 28 cases the greatest yield corresponded to planting at the time of the new moon, 29 to planting in the first quarter, 28 at the time of the full moon, and 27 in the last quarter, there apparently being no material difference to be attributed to the influence of the moon.

Arsenite of soda as a weed spray is recommended by E. V. Wilcox of the Hawaiian Exp. Sta. Two lbs. of sal soda and one lb. of white arsenic are boiled together in a gallon of water and diluted with 15 to 20 parts of water. A single application ultimately killed the leaves and stems of lantana, spurge, sow thistle, pigweed, purslane, cockle-burr, dodder, Japanese nut grass, crotalaria and other weeds. The mixture killed alfalfa as well as the dodder with which it was infested.



Dangerous Cob Spout, Ending in Open Square Spout.



## STODDARD &amp; SON'S NEW ELEVATOR AT SLOAN, IA.

Iowa Grain dealers are erecting better elevators as they become convinced of the practicability of new ideas in elevator construction, and at some stations they are building larger elevators, thus facilitating the rapid handling of grain, and making possible the closer classification of the different kinds of grain.

At Sloan, in the southwestern part of Woodbury county, on the C. & N. W. Ry., is now being erected a large well-equipped elevator for B. M. Stoddard & Son. The house was planned and is being erected by The Younglove Construction Co. It has a heavy concrete foundation, and floor of basement is covered with concrete, thus making it possible to keep rodents out of the house, and to keep basement clean.

The elevator proper is 26x35 ft. and 44 ft. to the plate. It is surmounted by a roomy cupola, which rises to a height of 24 ft. above the bins. It is a cribbed house 2x6 ins., cribbing being used up 18 ft. and 2x4 ins., cribbing up 26 ft. On the opposite ends of the house are three flat bottom bins of large capacity, and between them is a work room 11 ft. wide, which extends from the driveway in lean-to to the track side of house.

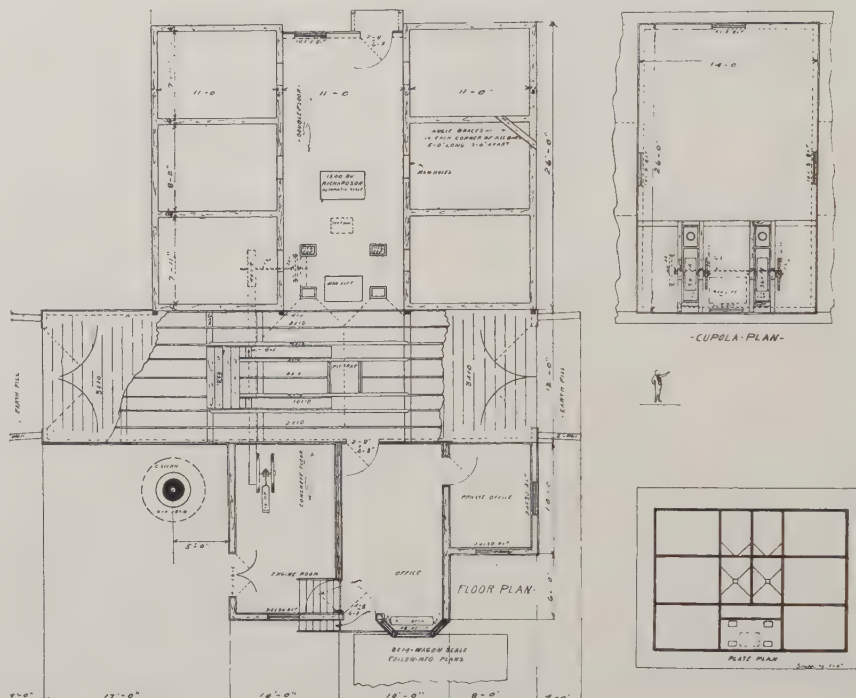
In the workroom, which has a heavy double floor, is a Richardson 1500 bu. Automatic Scale, and a man-lift affording easy passage to floor of cupola. A trap door is provided for access to basement. The two legs, equipped with 11x6 in. buckets, mounted on 5-ply rubber belts, and the rope drive to line shaft in cupola for propelling legs and fan run up between the bins. The balance of the space over the workroom is divided into

four small hopper bottom bins, from which grain may be drawn direct to the automatic scale, and dropped to sink of either elevator boot.

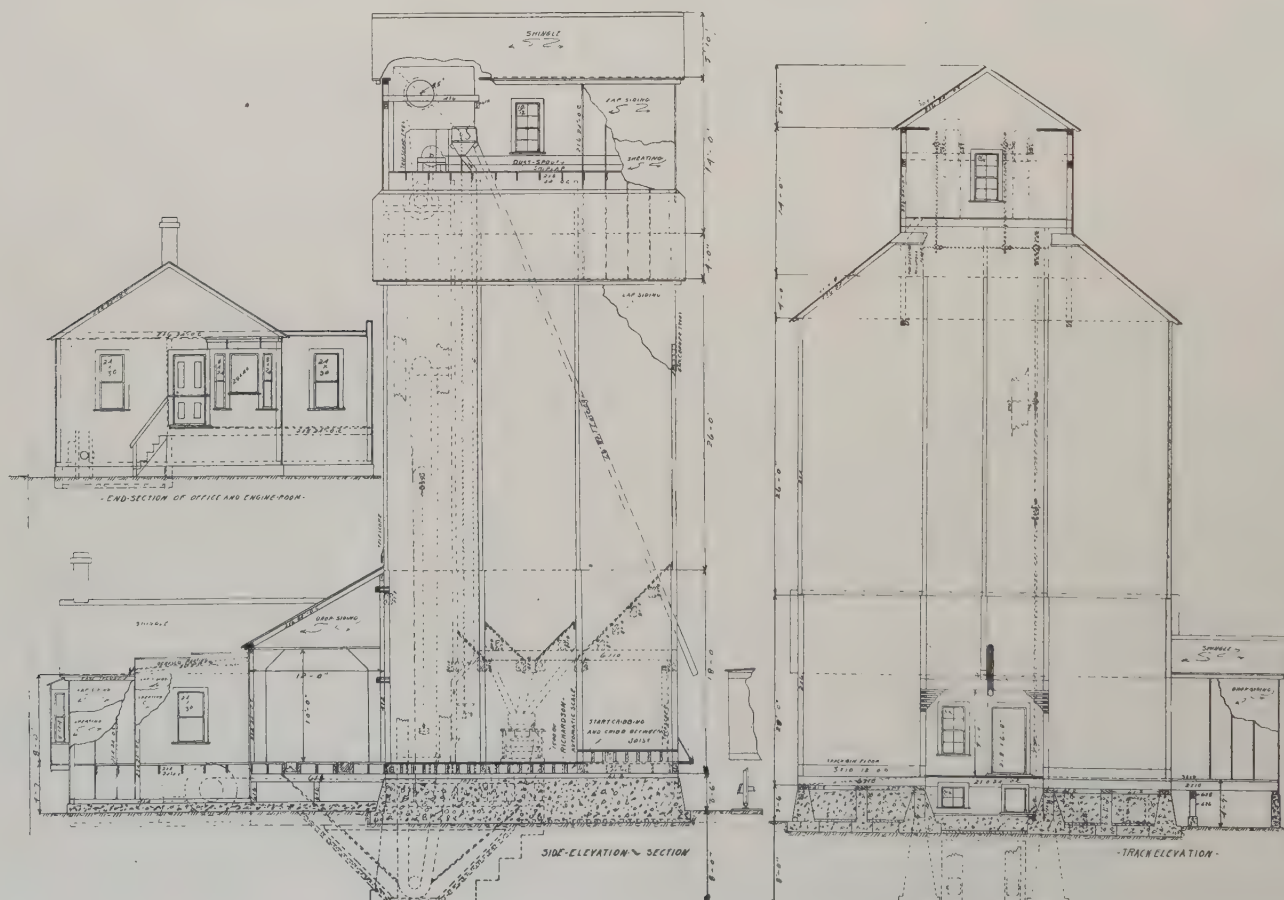
The elevator heads are equipped with a Barnard & Leas suction fan for removing dust and chaff, as the grain is dropped into the hopper of the distributing spout. Hall Distributors receive the grain from the elevator heads and

divert it to any bin desired, or direct to a 6-in. steel well casing, which spouts grain direct to cars; and gives sufficient fall to fill any car to the roof. The distributors may be changed from the work floor. The corners of each bin are supported by 5-ft. angle braces every 3 ft., 6 inches.

In the lean-to, adjoining the elevator, is the driveway and a dump, equipped



Floor, Plate and Cupola Plans.



End Section of Office; Longitudinal Section and Track Elevation of Elevator of Stoddard & Son, at Sloan, Ia.



with a McMillan Automatic Dump Controller. From the dump grain is dropped into either of 2 receiving sinks, from which the grain flows to the elevator boots. Across the driveway is the general office containing scale beam of wagon scales with private office on one side and engine room with concrete floor on the other.

Just outside the engine room is a cistern, into which is drained water from the roof of the plant, and used for cooling the cylinder of the 16 h. p. gasoline engine. The plant is covered with lap-siding and shingle roof.

## COOPERING A BAD END.

Bad order cars do not favor any single terminal market, but are found everywhere, Kansas City having its share, as reported by J. G. Goodwin, of the Kansas City Board of Trade Weighing Department. During 1910 of the 59,255 cars handled under his supervision 27 per cent or 16,176 were reported leaking. Of the leaking cars 333 were leaking thru end windows, 552 at draw bar and 855 at corner.

These end leaks can be prevented by careful coopering with burlap and boards as illustrated in the engravings herewith, showing the end of a car before and after having been coopered by Mr. Goodwin.

The end door casing was in bad condition at bottom and sides. It was made safe by covering with burlap and two wide boards. Three boards near the floor were defective. These holes also were burlapped and the burlap kept in place by three cleats nailed on. More burlap was laid on the floor near the end of the car, completing the job.

For rush shipments when cars are scarce shippers feel forced to use cars even worse than the one illustrated. Cars that are utterly unfit for loading wheat will be set out and the shipper expected to spend 8 hours in a vain attempt to prevent leaks, only to find grain leaking out before the car has left his own station.

John A. McGean has resigned as pres., treas. and director of the American Linseed Co.

## GRAIN DEALERS NATIONAL Association at Omaha Oct. 9-11.

If the delegates who attend the fifteenth annual convention of the Grain Dealers National Ass'n at Omaha Nov. 9, 10 and 11, do not have one of the most enjoyable trips in the whole range of their holiday experiences it will not be the fault of the grain men of the Nebraska metropolis.

At a recent meeting of the Omaha Exchange it was decided to give a big theatre party to the delegates Monday night, Oct. 9, and on Tuesday night a great banquet will be given to the visitors.

This is but part of the entertainment that will be provided for the enjoyment of the grain men. Detailed arrangements for the other features have not yet been perfected, but it is expected they will be in a few days, and when the whole program is made public there will be hurried visits to wardrobes by several thousand grain men throughout the country. Grips will be brought out, suits hurriedly sent to the tailor to be pressed and other preparations will be made which can have but one significance—a journey from home.

The Omaha grain men do not intend to permit the ladies to be forgotten. Western gallantry forbids any such thot. The visiting ladies are to be received by a local committee which is now making elaborate preparations for their entertainment. There will be several automobile trips for the ladies who will be conducted to every point of interest in and around Omaha. Receptions for the visiting ladies will also be held and other entertainment provided.

"The Omaha Grain Exchange is going to do things up right," says a member of the entertainment committee. "We are sensible of the honor that has been conferred upon our city by the grain men of the country and we are going to show our appreciation. We have been attending annual conventions of the Association for years and know what other cities have done for their visitors. We will see them all and go them one better."

Some clever speeches will be made at the banquet, for the local committee is

scouring Nebraska for oratorical talent. But judging from the long list of famous speakers who have come from that section of the Union the committee won't have to do much "scouring" to arrange a program that will delight the lover of oratory. From the "Boy Orator of the Platte" to Jimmy Dahlgren, Omaha's famous "Cowboy Mayor," is a far cry. Geographically it is the distance between Lincoln and the Missouri river; potentially it is the distance between two Mountain Peaks on High Olympus."

It is not likely the grain men will have the pleasure of seeing the two well-known Nebraskans at the same table, for one of them would be enough to bring distinction to any gastronomic function.

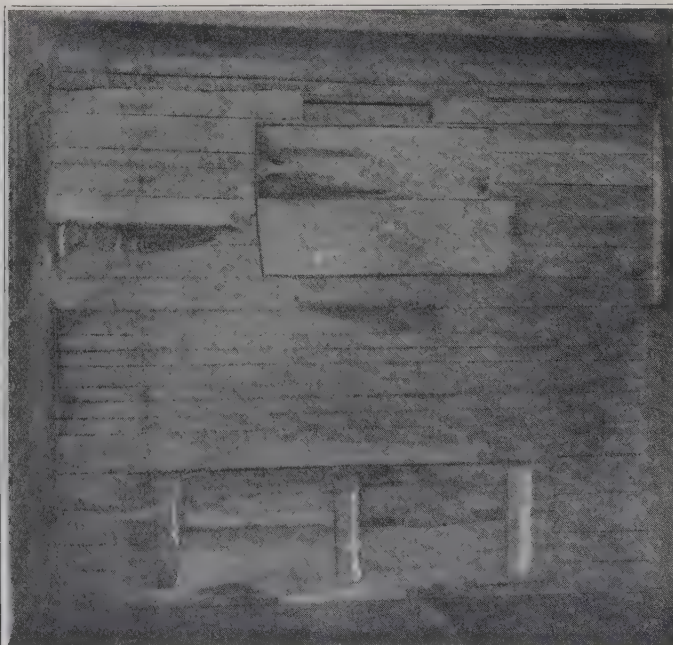
At any rate the members of the Grain Dealers National Ass'n may feel assured that the Omaha committee will supply a feast of reason and flow of soul at the banquet that would do honor to any dinner ever given, for there are in the Ass'n itself a number of men who can "go some" when it comes to a consideration of post-prandial ability. And their names will, of course, grace the program.

Customs duties collected in Vermont during the year ended June 30 were the greatest in the 100 years' history of the district. They aggregated \$1,203,679, an increase of \$439,606 over those of the previous year, due largely to increased importation of hay from Canada for Boston and southern points.

Prizes aggregating \$8,000 gold are offered growers only who show 60-lb. specimens of barley or 10-lb. specimens of hops at the Second International Barley and Hop Exhibit given at the Coliseum, Chicago, Oct. 12-22 in connection with the American Exposition of Brewing Machinery. Entries will close Sept. 1 and the entry fee is \$1. A varied list of awards for different classes and states has been arranged, and the leading prize is \$1,000 gold for the best types of 6-rowed malting barleys grown in the barley states of the west, to be divided into 10 prizes of \$100. All pertinent inquiries should be addressed to Committee on Awards, 1508 Republic Bldg., Chicago.



Grain Car Before Coopering.



Grain Car After Coopering.



# Seeds

No clover seed, some timothy seed.—F. M. Olson, Strum, Wis.

The first sale of clover seed for October, 1911, delivery at Chicago was made Aug. 16 at \$18.75.

Clover seed imports at New York for the week ending Aug. 19 were 3,036 bags, and exports 644 bags.

The alfalfa seed crop promises to be good locally.—J. H. Ricker, Jr., mgr. Ricker-Ghenn Com. Co., Weiser, Ida.

Robert Nicholson, formerly pres. of the Texas Seed & Floral Co., has engaged in the seed business on his own account at Dallas, Tex.

No timothy or clover here, but alfalfa is making a fine crop of seed. Some old seed back in the country.—Wheeler & Badwin, Delphos, Kan.

Somers, Jones & Co., Chicago, recently paid \$15 for 100 lbs. of timothy seed for August delivery, the highest price ever paid at this time of the year.

The seed business has been very active this season. A great demand has developed for crimson clover and timothy for fall sowing.—R. B. Bolgiano.

We are going to have some clover seed, but a very light crop. We sold more rye for seed this year than ever.—Culver City Grain & Coal Co., Culver, Ind.

Schabdar clover, *Trifolium suaveolens*, has been tested by L. Trabut, with seeds obtained from the U. S. Dept. of Agriculture, and found well adapted to the rotation of Algeria.

Peoria received in July 45,000 lbs. of seeds and shipped none; compared with 30,000 lbs. received and the same amount shipped in July last year.—John R. Lofgren, sec'y Board of Trade.

Please discontinue our advertisement in the Seeds for Sale column of the Grain Dealers Journal. It brot us 48 inquiries to date, Aug. 20, and our timothy seed is all sold.—Yost & Morley, Libertyville, Ia.

Baltimore received during July 883 bus. of clover seed and 761 of timothy seed and shipped none. Last year Baltimore neither received nor shipped any clover or timothy seed.—Jas. B. Hessong, sec'y Chamber of Commerce.

Seed wheat will be hauled free by the Union Pacific and the Atchison, Topeka & Santa Fe to territory along their lines, as announced by the general freight agents of those lines Aug. 9 to the public utilities commission of Kansas at Topeka.

Sorghum seed has been in limited supply during recent years, says A. B. Conner, in Farmers Bulletin 458, largely due to the destruction of the seed crop in the more humid sections by the sorghum midge and to failure to get seed crops in the drier regions. Thruout the semi-arid portions of western Oklahoma, western and northwestern Texas, eastern New Mexico and western Kansas good seed crops are produced and the business of growing pure seed in these sections should be very profitable. A considerable portion of the seed now on the market is mixed with other varieties because of carelessness in weeding and threshing. The varieties of sorghum in the order of their value are as follows: Sumac, amber, orange, planter, gooseneck, honey and sapling.

The popcorn situation this year is peculiar, on account of the short crop last year and the extremely warm weather this summer, which usually increases consumption. Some persons allege that the popcorn has been bought up by one or two speculators in this commodity.—E. Daniel Bradshaw.

Rates from Salt Lake City, Ogden & Provo, Utah, and eastern points have been reduced on seed such as alfalfa, beet, clover, grass, hemp, mustard, rape, bird, timothy, millet, kaffir corn, broomcorn, wheat, oats and popcorn, minimum carload weight, 30,000 lbs., Chicago, \$1; Mississippi river, 96c; Missouri river, 80c.

Toledo receipts of red clover seed during July were 44 bags; for the week ending Aug. 19, 155 bags, and since May 1 1,718 bags. Receipts of the preceding week were 384 bags and none a year ago. No shipments reported for the week. Receipts of alsike clover seed have been 247 bags for the week ending Aug. 19; against 1,002 bags for the corresponding week a year ago.

Duluth received in July 37,709 bus. of flaxseed and shipped 1,000; compared with 179,112 bus. received and 151,394 bus. shipped in July, 1910. During the year ended July 31 this market received 3,307,354 bus. of flaxseed and shipped 3,230,398 bus., against 9,825,634 bus. received and 10,094,271 bus. shipped in the previous year.—Chas. F. Macdonald, sec'y Board of Trade.

Grass seeds very short this year.—J. F. Pllice, Markle, Ind.

A card 10 by 12 inches containing the state seed law restrictions for purity and germination, and against weed seeds has been issued as a supplement to the seed trade reporting letter by L. M. Smith & Co. This chart has been prepared after a rigid inquiry into the laws and covers all the important states and Canada. It is a most useful guide to seedsmen who wish to market their seeds in these states.

The red clover crop has suffered severely. Because of climate conditions the areas sown to red clover last year, especially on the lighter soils, provided a very indifferent growth. The winter and early spring months, followed by a dry April and May, proved disastrous to the stand of red clover that looked poor in the late autumn. In those districts of Ontario which provide the great bulk of our red clover seed, there remains not more than 50 per cent of the possible area from which seed might be taken, and a great deal of this small area is patchy and badly infested with weeds. If the present weather continues in western Ontario the second growth from which the seed is taken will be very short indeed, and will be needed for pasture or hay. The Lake Erie counties will furnish some clover seed for commerce, but the total output for the province is estimated to be not more than 25 per cent of the normal crop, comparatively little of which could be made to grade No. 1 under the new



Seeds of Common Weeds. After Hillman, Bull. 428, U. S. Dept. of Agriculture.  
[For description see facing page.]



Seed Control Act. The red clover crop in eastern Ontario and in parts of Quebec is highly satisfactory; but there are no clover seed hullers in these districts, and although clover yields quite as well as in western Ontario, the farmers are not accustomed to saving the seed, and are not likely to do so this year to take advantage of the short supply and prospective high prices. Nor will our seed merchants be able to look with much confidence to the clover seed crop of the United States, although conditions in some of the seed-producing states promise about 70 per cent of a normal crop.—Geo. H. Clark, Canada Seed Commissioner, Ottawa, Ont.

Nearly all of the English blue grass grown in the entire United States is the product of Kansas; and most of the Kansas crop is raised in Johnson, Miami, Franklin and Douglas Counties. One dealer at Wellsville, A. D. Hostetter, in 1910, paid growers \$27,000 for meadow fescue. He handled 150,000 lbs. of *Festuca pratensis* at \$4 per bu. of 22 lbs. Two other dealers at this town bot 20,000 lbs. The crop is nearly all exported to Germany, and last year 6 buyers from 6 different points were on the ground at one time, bidding for the seed. The yield is 10 or 12 bus. per acre.

Chicago received during the week ending Aug. 19, 968,100 lbs. timothy seed, 47,000 lbs. clover seed, 240,900 lbs. other grass seeds and 12,200 bus. flaxseed; against 120,000 lbs. timothy seed, 35,200 lbs. clover seed, 120,000 lbs. other grass seeds and 27,000 bus. flaxseed during the corresponding week of 1910. Shipments for the week have been 484,400 lbs. timothy seed, 43,700 lbs. clover seed, 511,300 lbs. other grass seeds and 700 bus. flaxseed; against 381,300 lbs. timothy seed, no clover seed, 296,900 lbs. other grass seeds, and 3,200 bus. flaxseed during the corresponding week last year.

Hamburg, Germany, July 31.—During the latter part of June red clover had recovered somewhat from the effects of the drought of the preceding weeks, but this month another period of very warm and dry weather set in, and the outlook for clover seed has again deteriorated. On this side practically the entire seed crop is taken from the second cutting, which, however, has had a rather poor start this season owing to the intense heat and dryness prevailing throughout the larger part of Central Europe. Our daily reports from many large seed raising districts are very unfavorable. The clover plants are said to have been totally scorched by heat and drought, and therefore, of course, they can neither produce the urgently required hay nor any seed. More and more one is inclined to believe we are going to get a very small crop of clover seed.—R. Liefmann Sons Successors.

This season we intend to make lists of the growers and handlers of all of the different varieties of farm and garden seeds. We hope thereby to be able to place the growers of the seed in direct communication with those who wish to purchase it, and thus make the pure seed laboratory of actual worth to all of the people in the state. To this end I invite the co-operation of all parties. After a careful examination of the seed, we will be able to give advice as to whether it can or cannot be prepared for sale as seed upon the market. Address all packages of seeds to the office of State Seed Commissioner, Agricultural College, N. Dak., number each package and refer to it, give source or origin of the seed and any other matters which are of impor-

tance to a purchaser of such seed. There is always a demand for pure bred seeds of good color, weight and viability.—H. L. Bolley, botanist.

## NOXIOUS WEED SEEDS.

In addition to the seeds of weed plants illustrated and described in the Journal for May 25, page 765, Professor Hillman, assistant botanist in the government seed laboratory at Washington, has described the following weed seeds found in farm crops:

**Creeping buttercup** seeds shown at a in the engraving are oval, flattened, brown or reddish brown, with a lighter rim, and have a prominent, straight, or slightly curved beak; common in imported crimson clover, meadow fescue, and rye-grass seeds.

**Peppergrass** seeds b are oval, flattened, thin, reddish yellow, and have a curved groove on each face; common, and sometimes abundant, in clover and grass seeds, particularly in timothy; a widely distributed annual weed of waysides, gardens, and meadows.

**Shepherd's-purse** seeds c are minute, reddish yellow, oblong, and flattened, with two more or less distinct grooves on each face; common in seeds of white, alsike, and poorly cleaned red clovers; a cosmopolitan, annual weed.

**Cinquefoil** seeds d are minute, straw colored, oval, and lens shaped, the faces bearing curved and forked ridges; common in alsike clover and timothy.

**Hop clover** seeds e are minute, elliptical, yellowish, the surface smooth and shining; common in poorly cleaned clover seed. The reddish flowers (shown at the right of the figure) are common in imported orchard grass, meadow fescue and rye-grass seeds.

**Yellow trefoil** seeds f are oval with a projecting point on the edge, yellowish brown, or tinged with green. Besides being used as an adulterant of clover and alfalfa seed, some seeds occur incidentally in clover and grass seeds. Mature, black, oval pods or immature green pods are common in coarse grass seeds. The plants are widely distributed here and in foreign countries.

**Bird's-foot trefoil** seeds g are small, nearly spherical, brown, and often mottled; frequently found in imported clover and alfalfa seeds; a cultivated plant in Europe.

**Wild geranium** seeds h, i and j as commonly found in farm seeds represent three kinds of plants. Seeds of one kind h are oblong and pitted, having a whitish or light-brown network over a darker brown background (thus readily distinguished from other seeds); common in imported crimson clover and coarse grass seeds. Another kind i has smaller, smooth, rounded seeds which are often covered by a brown hull bearing several diagonal ridges on each side; often found in imported clover and grass seeds. A third kind j has more oval, smooth seeds, some of which are covered by a somewhat flattened, finely hairy hull; found in imported clover and grass seeds.

**Stork's-bill** seeds k are somewhat club shaped, smooth, brown, and often covered by a sharp-pointed, brown, hairy hull; found in clover, alfalfa and grass seeds; commonest in imported seeds.

**Spurge** seeds l are steel gray or dark brown oval, and somewhat 4-angled, the angles lightest colored, a few cross-ridges between the angles, one of the angles bearing a slender, black line; common in American and red clover seed.

**Spiny sida** seeds m are brown, rounded on one side, angular on the other, and notched at the broader end; common in American-grown red clover seed; the forked, often netted-veined seed vessels (shown at the right-hand side of figure) sometimes appear in poorly cleaned clover, but are more common in grass seeds.

**Evening primrose** seeds, n, are small, reddish brown and angular, prismatic or curved; the corners are thin-edged, the faces finely grooved; common in timothy and sometimes found in clover seed.

**Red pimpinell** seeds, o, are small, 3-angled and reddish brown, surface finely roughened or sometimes partly smooth and black, somewhat resemble seeds of sorrel having the chaffy covering; very common in imported clover and alfalfa seeds, often in grass seed.

**Sticktight** seeds, p, are small, oval, brown burs having many barbed prickles; when in clover, most of the prickles are usually broken away; when in grass seeds, some or usually all of the prickles are usually

uninjured; found in red clover, particularly that from Canada, in seed of coarse grasses, millets, cereals and flax; often in seed imported from Europe.

**Forget-me-not** seeds, q, are small, black, shining, oval, rounded on one face and angled on the other; common in imported clover and grass seeds.

**Vervain** seeds, r, s and t, are oblong, reddish or dark brown, veined on one side, angled and often gray on the other. One kind, r, has a distinct network of ridged veins on the back, the surface between the veins shining; common in European clover and alfalfa seeds. The other two kinds of vervain found in farm seeds have indistinct veins on the back which is dull, one of them, s, being comparatively broad and brown, the other, t, being slender and lighter, reddish colored; seeds common in American grown clover seed.

## RECOVERY BY AGENT ON Contract to Buy Seed.

The court of appeals of Kentucky has recently affirmed the judgment by the circuit court of Fayette county in the suit by N. G. McDonald against David S. Gay, giving the former judgment for a balance alleged to be due on a contract to buy seed for the latter.

Nathan G. McDonald was a general merchant at Avon, Ky., and David S. Gay was a wholesale dealer in grain and seeds, of Winchester, Ky. A verbal contract was made between the two that McDonald was to buy grass seed on commission of one cent per bu. for Gay during the season; and Gay placed to McDonald's credit in bank the sum of \$6,181.81, which the latter checked out to persons of whom he claimed to have bot seed and to himself.

McDonald brot suit to recover \$145 commission on 14,500 bus. of seed; \$368, expense of curing 14,500 bus. of seed, and \$437.64 for 1,042 bus. of handstripped seed which McDonald sold and delivered to Gay and \$52.27, cash paid for seed. Against these items is credited a cash payment of \$650, leaving a balance of \$352.91.

Gay made a counter claim for damages, alleging McDonald bot more seed than he was authorized to buy, that the seed was of inferior quality and that by reason of McDonald's negligence in curing the grass seed which he bot the seed was injured.

McDonald filed a complete statement showing the names of the persons from whom the purchases were made, and the number of pounds bot from each. The purchases were paid for with checks, kept by Gay. Gay's warehousemen claimed only 8,817 bus. of seed was delivered, while McDonald placed the amount at 9,697 bus. The evidence was that it rained nearly all the time during the season and such shrinkage was not unreasonable.

The court held that the evidence did not support the counter claim based on the theory that the seed was inferior, or that McDonald was negligent. Several farmers testified that the seed purchased of them was of first-class quality. Only one or two loads of green seed was bot, and these were heavily docked by McDonald, one load so heavily that it reduced the price one-half.

The court ruled that McDonald could recover for the additional 1,042 bus. of hand stripped seed, as he had bot this seed on his own account instead of with Gay's funds, paying the sellers in cash or trade. Moreover, Gay accepted the seed with full knowledge of all the facts, hence the transaction was a sale. Judgment was given McDonald for \$340 with interest from time of filing suit.—136 S. W. Rep. 881.



## Grain Carriers

The Toledo, Peoria & Western Ry. this year for the first time in years finds itself short of grain cars in August.

The Wabash Railroad is said to contemplate the building of a line of road from Red Oak, Ia., to Des Moines, 110 miles.

A number of shortages in grain cargoes have been reported. One steamer, out of Ft. William, was 225 bus. short when unloaded at Buffalo.

John R. Bryant and A. A. Farris of Hickman, Ky., have purchased the steel steamer Mary K. Stewart at Kansas City for use in the river grain traffic at Hickman.

The Farmers Grain & Shipping Co. contemplates building an extension from Hansboro, N. D., north into Canada, crossing the Canadian Pacific at Carberry, Man.

Carriers have been progressing too slowly in uniform classification of freight and shippers may appeal to the Interstate Commerce Commission to hasten the work.

It is said the Canadian Northern will double track its line from Sprague to Fort Francis and build a 1,000,000-bu. elevator at Duluth if Canada adopts reciprocity.

The surplus of box cars has been reduced 3,071 during the two weeks prior to Aug. 2 as reported by the American Ry. Ass'n. A slight increase of idle box cars is noted in the Northwest, due to assembling of cars for the grain movement.

Funds appear to be lacking to hold the Lakes to the Gulf Deep Waterway Convention at Chicago Oct. 13-15. The fallacy of the arguments in favor of the deep waterway has been pretty thoroughly exposed in the legislature and by government engineers' reports, so the propaganda seems to be losing ground.

As a result of the efforts of Jas. H. Sherman, sec'y of the Wichita Board of Trade, the Interstate Commerce Commission has ordered that a check of transit usages be made in the Northwest at Mississippi river gateways and in Colorado and has placed Geo. A. Kimball, joint agt. of the Transit Inspection Bureau at Kansas City, in charge of the work.

The Texas & Pacific and the Denison and Pacific Suburban have issued a circular announcing the discontinuance of charges for out of route changes. No such charges will be made where a competing line could have made delivery of the shipment without making additional service and will not be collected where these roads could handle the consignment in connection with another carrier thru an authorized junction without charge. Shippers will also be allowed 72 hrs. for stopping in transit for inspection, weighing, etc., instead of 48 hrs. formerly allowed.

A bill has been introduced by Congressman Adamson providing for the filling out of a B/L on a form approved by the Interstate Commerce Commission and forbidding carriers or their agents to issue Bs/L pending the actual receipt of the goods. It also provides "That it shall be unlawful for any bank or any agent or officer thereof to accept from any holder thereof any B/L for the purpose

of making or securing an advance of money thereon without first ascertaining by actual inquiry and investigation that the shipment described in the B/L was really delivered to the carrier whose agent purported to have signed the B/L." A punishment of not to exceed five years' imprisonment and a fine not to exceed \$5,000 is provided for any violation.

No question but what the Grain Dealers Journal is the best covering this particular field.—R. N. Bagley, Jr., agt. Dike Grain Co., Dike, Ia.

## COLORADO STRIVING To Regain Oat Trophy.

Commissioner of Immigration Alfred Patek last spring urged the farmers in the high mountain valleys of Colorado to sow an acre or two of oats in the hope of regaining the Colorado Oat Trophy, which was won last year by Canada at the National Corn Show held at Columbus, Ohio.

Fifty-pound oats are desired, and the planting of Kherson and Sixty-day has been advised, as these two have generally made the best yields of grain on irrigated land.

The Colorado Oat Trophy is a silver cup, nearly three feet in height, and valued at \$1,000. The trophy was donated in 1910 by the Board of Immigration, for the cause of "better oats." Competition is open to the world, and 15 lbs. of oats grown by an individual exhibitor during the crop season for which it is entered is all the requirement necessary for an entry. An engraving of cup produced herewith.



The Colorado Oat Trophy.

## CHANGES IN GRAIN RATES.

As shown by tariffs recently filed with the Interstate Commerce Commission, the carriers have made the following changes in rates:

C. B. & Q. gives rules governing cleaning and milling-in-transit arrangements on grain at Davenport and Clinton, Ia., in ICC 10392; Sept. 5.

The B. & O. gives rules governing elevation, storage and insurance on grain received by rail at West Fairport, O., in ICC 10213; effective, Sept. 4.

The Santa Fe will make a rate effective Aug. 31 of 13½c on wheat and articles taking same rates from Gt. Bend, Kan., to Joplin, Carthage and Liberal, Mo.

CFA rate on grain and products from Milwaukee and Manitowoc, Wis., and rate points to CFA points is given in Sup. 9 to ICC 198; in effect, Sept. 15.

N. Y., C. & H. R. has given rates on wheat, corn, rye and oats, from Ohio street and Erie street, Buffalo, N. Y., to N. Y., C. & H. R. stations; in effect, Sept. 1.

The Pennsylvania gives rates on ex-lake grain for domestic use from Buffalo, N. Y., to Pennsylvania stations and connections in Sup. 5 to ICC GO 2599; Sept. 1.

The C., B. & Q. in Sup. 13 to ICC 9555 gives the rate on grain and products from its stations in Kan., Neb. and Colo. to stations in Ill., Ind., Tenn., La. and Ky.; Sept. 1.

The Mich. Cent. has issued Sup. 11 to ICC 3779 covering grain and products from Mich. Cent. stations and connections to eastern U. S. and Can. basing points; Sept. 2.

The Pennsylvania has issued Sup. 2 to ICC GO 3257 giving the rate on grain and products, from its stations and connections to Erie stations and connections; Sept. 15.

Ann Arbor in Sup. 3 to ICC A214 gives rates on grain and grain products, from Manitowoc and Kewaunee, Wis., and Manistique, Mich., to CFA points; in effect, Sept. 9.

The Ill. Cent. rate on wheat to New Orleans, La., for export to Europe, from Barrett, Stewartsville, Poseyville, Wendell, Martin and Armstrong, Ill., has been set at 14c; Aug. 26.

Mo. Pac. has published Sup. 2 to ICC A1741 showing rates on grain and products from Colo., Kan., Mo., Neb. and Okla. points to Ark., Mo. and Okla. points; in effect, Sept. 12.

The C. M. & St. P. will make rates effective Sept. 1 on barley, corn and oats to Peoria, Ill., from Hurstville, Ia., 12.5c; Canton, S. D., 19c; Winnebago, Minn., 15.5c; Linton, N. D., 23.5c.

The Wabash has issued Sup. 4 to ICC 2807 showing rates on grain and products from stations in Ill. and East St. Louis, Mo., and rate points to eastern and interior points; Sept. 7.

The N. Y. Cent. made effective Aug. 24 rates from Buffalo, N. Y., to Middletown and Port Jervis, N. Y., of 6½c per bu. of wheat, 5¼c per bu. of corn, 6c per bu. of rye and 5¼c per bu. of barley.

The Mo. Pac. in Sup. 10 to ICC A1332 gives the charges on grain and grain products between St. Louis, Carondelet, Mo., East St. Louis, Cairo, Gale, Thebes, Chicago, Joliet, Peoria, Ill., Memphis, Tenn., and rate points and Ark. and Okla. points on the St. L., I. M. & Sou. and connections; Sept. 4.



The Pennsylvania has published Sup. 1 to ICC F181, giving rules governing the handling of grain thru transfer elevator at Mansfield, O., and extends time limit on forwarding shipments; Sept. 2.

The Rock Island in Sup. 4 to ICC C8824 makes the rate on wheat, rye, corn, oats, barley and articles taking the same rates 8c between Chicago, Ill., and rate points and St. Louis, Mo.; Sept. 14.

The Pere Marquette, in ICC 2692, gives the rate on grain and products, from Detroit and West Detroit, Mich., and Toledo, O., also from Toledo Terminal stations to CFA points; effective, Aug. 30.

The C., M. & St. P. in Sup. 13 to ICC B1791 gives rates on grain and grain products between C., M. & P. S. stations, Butte A. & P. stations, etc., and Ill., Wis., Minn., Ia., Neb. and Mo. points; Aug. 31.

C. & N.W. rate on wheat from Atchison, Kansas City, Leavenworth, Kan., St. Joseph, Mo. (when originating beyond), to Chicago, Peoria, Ill., and Milwaukee, Wis., has been set at 19.5c; effective, Sept. 1.

The Can. Pac. in ICC E1301 makes corn, 7c per bu., wheat, 7½c per bu. and oats, 4c per bu. from Goderich, Owen Sound, Victoria Harbor, Ont. and Detroit, Mich., to Boston, Mass., and rate points; Sept. 6.

The Pere Marquette rate on grain and grain products from Detroit and West Detroit, Mich., and Toledo, O., to Freeport, Mich., has been set at 8c; from Toledo, O., to Adrian, Mich., 5c; Muskegon, Mich., 9c.

C. Gt. W. will make a charge, effective Aug. 27, of 19.5c on wheat from Kansas City, Leavenworth, Kan., and St. Joseph, Mo., to Chicago, Milwaukee and Manitowoc, Wis., and milled in transit at stations in Minnesota.

J. F. Tucker, agt. for the C. & A., Ill. Cent. and T. St. L. & W., publishes the rate on flaxseed, effective Sept. 15, from Milwaukee, Wis., and rate points to Allegheny, Pa., as 14c; Buffalo, N. Y., 12c; Cleveland, O., 11½c; Dayton, O., 8c; Detroit, Mich., 9½c; Ft. Wayne, Ind., 6½c; So. Bend, Ind., 6½c, and Toledo, O., 9½c.

The Omaha gives rates in Sup. 29 to ICC 3416 on grain between St. Paul, Duluth, Minn., Sioux City, Ia., Omaha, Neb., Chicago, Ill., and stations taking same rates and stations in Minn., Ia., S. D. and Neb. on its line; effective, Sept. 4.

The C. & E. I. made effective Aug. 19 a rate of 7c to St. Louis, Mo., and East St. Louis, Ill., on grain and products, originating at points in Wisconsin, Iowa, Minnesota, N. D. and S. D. or milled or malted in transit from grain originating at such points.

The C., M. & St. P. has made a rate on bulk oats, effective Aug. 25, from Williamsburg, Ia., to Moseby, Nev., of 11c; wheat, between Kansas City, St. Joseph, Independence and Sugar Creek, Mo., Atchison and Leavenworth, Kan., and Phildia, Ia., 19c.

The Mo. Pac. will make a rate in effect Sept. 2 on corn, oats, rye and barley from St. Louis, Carondelet, Mo., East St. Louis, Ill. (originating beyond), to New Orleans, Gretna, Port Chalmette, Westwego, La. (ship-side delivery), for export, 10½c; wheat, 11½c.

The Ill. Cent. has issued ICC A8108, giving the rate on grain and products from its stations in Ia., Minn. and S. D., and Missouri river points, when originating beyond to local Ill. Cent. stations south of the Ohio river (except stations east of Paducah, Ky.), Sept. 1.

The Rock Island will make a rate, effective Sept. 1, of 13½c, on wheat, from St. Paul, Minneapolis and Minnesota Transfer, Minn., originating at points from which no thru rates are published, to Pekin, Crescent, Stoehrs, Hawkins, Parkland, Manito, Forest City, Topeka, Ill., and numerous other points.

The Wabash has issued Sup. 6 to ICC 2073 giving rates on grain between Wabash stations in Ill., also Keokuk, Ia., and Hannibal, Mo., and East St. Louis, Ill., St. Louis Mo., and to Cairo, Ill., Evansville, Ind., and Louisville, Ky. (when destined to southeastern terri-

tory), also lower Mississippi valley points; state, Aug. 11; interstate, Sept. 2.

Burlington charges, effective Sept. 1, on wheat and articles taking the same rates, from Rock Island and Moline, Ill., to Gerlaw, Monmouth and Cameron, Ill., have been set at 6.3c, corn and articles taking same rates, 5.7c; wheat and articles taking the same rates, from Rock Island and Moline, to Viola, Gilchrist and Aledo, Ill., 5.7c; corn and articles taking the same rates, 5c.

The C. & N. W., Aug. 25, puts into effect the following rates from Yankton, Mission Hill, Volin and Wakonda, S. D., to Cairo, Ill.: Wheat, 26.5c; corn, oats, barley and rye, 24c; to Cairo, Ill. (proportional), corn, oats, rye and barley, 22c; to Memphis, Tenn., wheat, 28½c; corn, oats, rye and barley, 26c; to New Orleans, La., and rate points, wheat 34.5c; corn, oats, rye and barley, 32c; to Knight's Key, Fla., for export to Havana, Cuba, wheat, 44.5c; corn, 41.5c; oats, 37c.

## CORN, AS IT IS GROWN in Iowa.

Reproduced herewith is a photograph of a corn picture painted by Floyd V. Brackney, of Clemons, Ia., son of A. Brackney, who has been engaged in the grain business at that point since 1892. The original painting was shown at the meeting of grain dealers in Des Moines on July 12.

Mr. Brackney made special studies of corn while helping his father in the elevator and while attending Cornell College at Mt. Vernon, Ia., where he completed the Art Course in June, 1911. This picture was painted with a palette knife and brushes. A prominent artist in Omaha said, "He either cut the top off the corn and stuck it on the canvas, or else he had a mould to make the kernels." This picture, "Corn is King of Iowa," would make a very appropriate adornment for any grain office. A photograph of Mr. Brackney is reproduced in the accompanying cut.



Floyd V. Brackney, Clemons, Ia.  
Grain Dealer and Artist.



A Painting by Floyd V. Brackney, Clemons, Ia.



# Grain Trade News

## ARKANSAS.

Clarksville, Ark.—The Laser Grain Co. has let the contract for the erection of a 10,000-bu. eltr. and a chop and meal mill.

## CALIFORNIA.

The governor of California has vetoed the anti-bucket-shop bill passed during the recent session of the legislature which will not convene again for two years.

## CANADA.

Bow Island, Alta.—The Taylor M. & Eltr. Co., Ltd., is building an eltr.

Hazelridge, Man.—The Ogilvie Flour Mills Co., Ltd., has built an eltr. here.

Ranfurly, Alta.—Davis Bros., grain dealers at Edmonton, will build an eltr. here.

Lethbridge, Alta.—A 35,000-bu. eltr. will be built by the Taylor M. & Eltr. Co., Ltd.

Jasmin, Sask.—The Co-op. Eltr. Co. is negotiating for the purchase of the Scott Eltr.

Radisson, Sask.—The Sask. & Western Eltr. Co. will build eltrs. on the main line of the C. P.

Morse, Sask.—The Sask. Western Eltr. Co. will build, the Board of Trade will give inducements.

Grassy Lake, Alta.—The Taylor M. & Eltr. Co. of Lethbridge, Alta., will build a 35,000-bu. eltr. here.

Winnipeg, Man.—I have resigned as traveling supt. for the International Eltr. Co. and will go to Carrington, N. Dak.—C. S. Knudson.

Winnipeg, Man.—The Manitoba Eltr. Commission is having 5 of its eltrs. remodeled and equipped with new machinery. C. E. Bird & Co. are doing the work.

Fort William, Ont.—The eltrs. here and at Port Arthur, with storage capacity for over 20,000,000 bus., are reported to have but about 50,000 left all told, the old crop having been shipped out.

Fort William, Ont.—A notice in the Canada Gazette declared all eltrs. here and at Port Arthur public terminal eltrs. after Aug. 20, with the understanding that this is a definition under the act and does not mean that the government will take the eltrs. over.

Vancouver, B. C.—The Globe Mlg. & Grain Co., that has five plants in California and one at El Paso, Tex., has planned to purchase 4,000,000 bus. of Canadian No. 1 hard wheat if it can obtain desirable rail rates from the Canadian prairies to this point, whence it will ship to San Francisco and San Pedro for distribution to its mills. W. E. Keller, pres. of the company, has been here consulting C. P. officials in regard to freight rates.

Winnipeg, Man.—The Manitoba Eltr. Commission has moved to its new quarters in the Chamber of Commerce Bldg., where offices have been fitted up for the commissioners and members of the staff, including the board room and three offices formerly used by the Grain Exchange. More commodious quarters became necessary on account of the increased work of the growing system and the large amount of grain that will be handled thru the government eltrs. this fall.

Montreal, Que.—The Harbor Commission has obtained permission from the government to erect a large addition to its Eltr. No. 2 now under construction, which was planned to have a capacity of 1,772,000 bus., but as this will hardly meet the requirements of the port it will add an 850,000-bu. storage eltr. to be completed

by Sept. 1 next year. Eltr. No. 2 will be finished by May 1 and the two will add 2,620,000 bus. to the capacity of the Commission's eltrs. now 2,000,000 bus. Excavations have been started on the foundations for the addition. The Harbor Commission of Montreal is doing the work with its own force, the John S. Metcalf Co. acting as designing and constructing engineers.

## DELAWARE.

Camden, Del.—Thomas H. Howell will build a 4,000-bu. eltr. and install a gasoline engine in his mill.

## DISTRICT OF COLUMBIA.

Washington, D. C.—The Ohio country shippers have been sending oats here at lower prices than quoted in the terminal markets and as a result the bulk of our oats have been coming from them. However, with the corn harvest coming on the country will send less oats, so the terminal points will be in line again. The oats have all graded standard.—J. V. Craig.

## IDAHO.

Burley, Ida.—Work is being pushed on the 65,000-bu. eltr. for the Burley Mlg. & Eltr. Co., 48x48 and 75 ft. high.

Payette, Ida.—The Payette-Weiser Mlg. Co. has bot out the T. & K. Mlg. Co. here and will deal in grain and alfalfa seed. F. A. Gorham is sec'y-treas.—J. H. Ricker, Jr., pres.

Weiser, Ida.—The Payette-Weiser Mlg. Co. has purchased the business of the Ricker-Gheen Com. Co. at this point and will continue to do a grain business and handle alfalfa seed.—J. H. Ricker, Jr., pres. P-W. Mlg. Co.

## ILLINOIS.

Prairie City, Ill.—A. B. Curtis is building an eltr.

Basco, Ill.—Mr. Coffman has bot the eltr. of Manussire & Son.

Rockton, Ill.—W. H. Moore has leased the eltr. of C. E. Phelps.

Brimfield, Ill.—The Brimfield Eltr. Co. has improved its property.

Frankfort, Ill.—C. J. Meyer is having an eltr. built near the E. J. & E. tracks.

Bentley, Ill.—I took over the eltr. of A. R. McCallister, July 27.—R. E. Coffman.

Winchester, Ill.—The Farmers Eltr. Co. is considering building an eltr. next fall.

Bondville, Ill.—S. G. Crawford has torn down his office to make room to build an eltr.

Irene, Ill.—I contemplate installing a gas engine in my eltr. here this fall.—G. W. Banks.

Monroe, Ill.—I am adding to my eltr. 35,000 bu. storage capacity for oats.—Geo. S. Miller.

Flanagan, Ill.—The Farmers Grain & Coal Co. has built new corn cribs and improved its eltr.

Stone sta., Rock Falls p. o., Ill.—The house of the Neola Eltr. Co. burned July 15, will be rebuilt immediately.

Plainfield, Ill.—Chester Whipple, former vice pres. of the Barr Grain Co., will manage a company in Caldwell, Ida.

Joliet, Ill.—A fire, caused by a dust explosion Aug. 18, partly destroyed the plant of the Quaker Oats Co., purchased five weeks before from the Western Cereal Co.; loss, \$35,000. The only employee in the building at the time was badly burned.

Peoria, Ill.—The McClure Commission Co. has been admitted to membership in the Board of Trade.—John R. Lofgren, sec'y.

Swan Creek, Ill.—While trying to slip a belt on the engine recently D. R. Warren, agt. for Pratt & Pratt, was knocked down and seriously injured.

Manteno, Ill.—West Bros. Grain Co. has covered its eltr. with galvanized iron and built a small addition to its new building to be used for grain storage.

De Kalb, Ill.—Conlin Bros. have just opened a 40,000-bu. eltr. on the C. & N. W., up-to-date in every respect. They also have a feed mill.—H. L. M.

Ellis, Ill.—Mr. Burkhart has sold to us his interest in the firm of Sells, Burkhart & Rice and we operate under the firm name of Sells & Rice.—John Sells.

Little York, Ill.—During a recent storm lightning struck the cupola of the eltr. of the S. C. Bartlett Co. and knocked some shingles off the roof, damage small.

Havana, Ill.—The site of the eltr. of McFadden & Co., burned in June, has been leveled to prepare for the erection of a new one to be operated by an electric motor.

Roanoke, Ill.—R. F. Wrenn has succeeded John P. Wrenn and D. C. Belsey has succeeded Garber & Belsey. Mr. Garber has moved to a farm in Minnesota.—B. F. T.

Yates City, Ill.—W. E. West recently dislocated his shoulder and was bruised by a fall of about 12 ft. in his eltr. He had gone to the cupola to start the motor and made a misstep.

Argo, Ill.—About 3,000 men working night and day on the nine buildings of the Corn Products Co., struck Aug. 22 and tied up all work. Rival steamfitters' unions caused the strike.

Alexis, Ill.—The Farmers County Line Eltr. Co. incorporated to build and operate an eltr.; capital stock, \$2,500; incorporators, T. D. Likely, Frank McCutchan and Harry C. Swigert.

Meeks sta., Georgetown p. o., Ill.—W. P. Lewis, who has been in a hospital in Danville for an operation removing a cancerous growth from his face, is around again attending to business.

Champaign, Ill.—M. L. R. Tankersley and C. E. Johnson have dissolved partnership. Mr. Johnson will remain in the grain and I will continue in the brokerage business.—M. L. Tankersley.

Wedron, Ill.—C. W. Peterson of Grand Ridge, Ill., has bot the property here that formerly belonged to the Wedron Grain Co. It is in good condition and will need few repairs.—E. J. Belrose, Agt.

Peterstown, Ill.—The Peterstown Grain Lbr. & Supply Co., incorporated to deal in grain, lumber and farm machinery; capital stock, \$3,400; incorporators, John Sondagroth, Theodor Happ and John A. Klein.

Mt. Auburn, Ill.—I have been here since Apr. 10 and operate the eltrs. owned by the McClure Grain Co., formerly operated under lease by the National Eltr. Co. I formerly worked for H. C. Clark of Oklahoma City.—H. J. Casley.

Clarence, Ill.—Sherman Frederick has let the contract for the erection of a 50,000-bu. eltr. of cribbed construction, 2x6 timbers, ironclad, on concrete foundation, to replace the one burned. Up-to-date machinery will be installed, including a gasoline engine. Mr. Frederick has fitted up the east eltr. and is using it for oats.

Decatur, Ill.—The state highway commissioners, organized in Bloomington last year, will hold a convention here Oct. 2. About 2,000 are expected to attend and importance is added to the meeting by the change in the law which places the commissioner, a township official heretofore working in haphazard fashion, under state supervision and instruction with the definite aim of getting Illinois towns and cities connected with substantial roads in good condition the year round.



Nashville, Ill.—The Heregley Mill Co. is having a 100,000-bu. eltr. erected by the Macdonald Engineering Co. to be completed Oct. 1. The storage will have nine square bins, self-cleaning. Steel spouting will connect to both mills and an adjacent storage. Machinery and equipment will be of fireproof construction and operated by electric motors.

Peoria, Ill.—Our company was organized Aug. 7. It is composed of Louis Mueller and L. L. Gruss. Mr. Mueller has been head man for the firm of T. A. Grier & Co. for the last 20 years. Both have a wide acquaintance in this market. We will do a receiving and shipping business and handle grain and hay on consignments.—Mueller Grain Co.

Heyworth, Ill.—At her own request Mrs. Van Ordstrand, widow of Isaac Van Ordstrand, formerly a wealthy grain dealer here, has been admitted to the county poor house. At his death she received her share of \$500,000. The spendthrift children soon had none and made such continual demands on their mother that her money was finally exhausted, when they refused to help her.

Lawndale, Ill.—The 30,000-bu. eltr. of the Lincoln Grain Co. burned at noon of Aug. 16. It contained 10,000 bus. of wheat, 8,000 of oats and 3,000 bus. of corn. Some insurance. The fire originated from a spark from the smokestack of the engine room that settled on the cupola where it was difficult to reach and burned so rapidly that in a half-hour after it was discovered the sides of the eltr. gave way and heaps of grain rolled out on the ground. The American Cattle & Poultry Food Co. bot the salvage grain.

Peoria, Ill.—Peoria received during July 388,263 bus. of wheat, 859,886 of corn, 1,312,869 of oats, 2,200 of rye and 72,000 of barley; compared with 191,000 bus. of wheat, 1,070,503 of corn, 914,600 of oats, 26,400 of rye and 76,800 of barley received in July, 1910. Shipments during the month aggregated 293,480 bus. of wheat, 425,782 of corn, 1,259,021 of oats, no rye and 100,060 of barley; against 147,000 of wheat, 737,840 of corn, 1,057,576 of oats, 1,100 of rye and 44,701 of barley shipped in July, 1910.—John R. Lofgren, sec'y Board of Trade.

The executive committee of the Chicago Ass'n of Commerce is endeavoring to have October 9, the anniversary of the Chicago fire, observed thruout Illinois as "Fire Prevention Day." It will urge the governor and mayors of the state to issue proclamations requesting all citizens to observe the day by giving personal attention to removal of rubbish from their premises, inspection of chimneys and putting heating apparatus in safe condition for winter. School officials will be asked to provide systematic instruction on the nature and danger of matches, gasoline, volatile oils and spontaneous combustion.

Cairo, Ill.—In a belated decision the Illinois Railroad & Warehouse Commission has stated that the clause of the Illinois statutes "No deputy inspector shall be appointed for any city or county in which is located one or more elevators of class B except on request for such action by the county commissioners or board of supervisors of the county" prevents the appointment of a deputy grain inspector for Cairo, because no request has been made by the commissioners of Alexander County. The Warehouse Commission also holds that it has authority to require from every warehouse in the state regular monthly or weekly reports. As to the Cairo inspector violating the law against certificates being issued by others than state officials the Commission said nothing other than to note that the certificates of inspection issued by the Board of Trade inspector at Cairo state the fact upon their face, the inference being that the Commissioners consider the Cairo inspector not guilty of fraud or misrepresentation. Altho the law gives the chief grain inspector of Illinois jurisdiction over the entire state, his lack of power to appoint deputies for the smaller markets who wish to control their own inspection pre-

vents him from enforcing the same grades or interpretation of grade phraseology at these interior points as have been established to and buyers from Peoria, Cairo, South Bend, Ind., etc., will understand that the inspection at these points is not necessarily the same and that the grading may be made strict or liberal independently of the Illinois state grain inspection department.

## CHICAGO NOTES.

Ed Bliss, wheat trader for Finley Barrell & Co., has retired.

The Adolph Kempner Co. is a re-incorporation as successor of the Associated Grain Dealers.

E. W. Wagner & Co. have moved their statistical and information department from Room 89 to Room 97 Board of Trade. They now occupy Rooms 97, 98 and 99.

The eltr. formerly known as the "Peavey A," which was recently purchased by J. Rosenbaum has been made regular for the storage of grain and flaxseed and will be known as the "Rosenbaum B."

The market shows a stronger tendency on timothy hay as the arrivals are running lighter again. We look for a better market on timothy, and believe that shipments should be made now to strike an advancing market.—W. R. Mumford & Co.

The will of the late James Pettit, pres. of the defunct Peavey Grain Co., has been filed for probate. The estate is valued at \$25,000 and was left to the widow to descend at her death to the son, William Prescott Pettit.

CHICAGO CALLERS: C. H. Brown, Joliet, Ill.; M. C. Elcan, Jr., Cincinnati, O.; W. P. Lewis, Meeks, Ill.; I. A. Mabry, Ft. Worth, Tex.; Geo. S. Miller, Monee, Ill.; Geo. E. Pierce, mgr. Wheeler Eltr. Co., Buffalo, N. Y., and M. L. R. Tankersley, Champaign, Ill.

The uniform system of switching charges have been accepted by the 26 trunk and 44 terminal lines entering the Chicago shipping district following a conference lasting two days. All objections against the new schedule have been dismissed and the agreement accepted by all.

Those who have applied recently for membership in the Board of Trade are W. A. Fraser, Jr., W. A. Scott, Forrest Scott Miller and Charles Griffin. Those admitted are Hugh L. Rodger, Frank Luckman and James Lees Laidlaw. The memberships of F. B. Wells, Dwight E. S. Mead, R. F. Bratt and John W. Scott have been posted for transfer.

The greatest credit is due E. W. Wagner & Co. for their prompt action in demanding an inquiry into the pit practices of T. H. Miller, who was expelled from the Board of Trade on Aug. 22 for "skinning trades" in the pit. E. W. Wagner & Co. state that they never cleared any trades for T. H. Miller and he was suspended from their employ, four months ago, pending this investigation which they instigated. T. H. Miller cleared his trades thru other houses.

Thos. H. Miller, for 20 years a member of the Board of Trade, has been caught "skinning trades," and on Aug. 22 was expelled by the directors of the Board for uncommercial conduct. His membership had been posted for transfer a few days before, and the expulsion forfeits the membership, valued at \$2,500. He was formerly in business on his own account and was connected with the firms of Ennis & Stoppani and Laidley & Co., who failed years ago.

The movement for a new home for the Board of Trade before the new building ordinance which limits the height of buildings becomes effective has died out. Pres. Merrill pointed out the impossibility of starting the work of construction before Sept. 1, as required by the ordinance. Much space on the seventh and eighth floors of the present building can be converted into offices and increase the income considerably. The proposed changes would cost about \$30,000.

The following notice has been issued by the directors of the Board of Trade who believe that it will prevent much misunderstanding and many controversies: In view of recent occurrences that have been brought to the attention of the directory, the board of directors respectfully recommends that whenever any member of the board has made a purchase of any of the commodities dealt in under the rules of the Ass'n, whether "to arrive," "in transit" or for "immediate delivery," that such transaction be confirmed in writing both by buyer and seller, on the same day on which the transaction took place.

The movement of wheat and oats to Chicago since harvest has been liberal and the question of storage has been a prominent one. Yet all receipts have been handled with reasonable promptness. The situation now is even better than it has been a part of the time. Grain is being loaded out for shipment and for filling empty storage elsewhere. There is now no scarcity of room and receipts are somewhat less. Country shippers need have no fears of consignments not finding ready buyers on this account or any other, and may be forwarded to this market with confidence.—J. C. F. Merrill, pres. Board of Trade.

The state railroad and warehouse commission, endeavoring to safeguard warehouse receipts and prevent fraudulent use of them has issued an order which is as follows: It has been brought to the notice of the commission that frequently grain eltr. owners or lessees often deliver warehouse receipts to the owners before registration expecting them to have the same registered. Warehouse receipts should not go into circulation until they are registered in the Registrar's office of the department. It is, therefore, ordered by the commission that all eltr. owners, lessees and persons issuing warehouse receipts, shall stamp upon each receipt when issued, in bold letters, the following: "This receipt is not negotiable unless registered with the Registrar of the Illinois Grain Department of the Railroad and Warehouse Commission." And all such owners and lessees are hereby directed to stamp the words above named on each certificate before delivering the same.

## INDIANA.

Mooreland, Ind.—We have sold to Morgan & Cole.—Anderson & Bowen.

Indianapolis, Ind.—Wm. H. Howard has been re-elected sec'y of the Board of Trade.

Markle, Ind.—I have installed a new 6-ton scale with registering beam.—J. F. Plice.

Evansville, Ind.—The 60,000-bu. concrete, fireproof eltr. has been completed for Igleheart Bros.

Ilene sta., Marco p. o., Ind.—The eltr. of the Paul Kuhn Co., burned about four months ago, is being rebuilt at a cost of \$10,000.

Cromwell, Ind.—The eltr. of Dick & Hussey has been thoroly overhauled. M. L. Hussey reports it in better condition than ever.

Woodburn, Ind.—The Woodburn Eltr. & Mfg. Co. has improved its eltr., put in new legs, installed a Western Sheller and will soon get a new engine and a sheller-cleaner.

Evansville, Ind.—The Little Merc. Co., incorporated by C. S. and Harry Little, Clark Whitman, N. W. Thrall and C. B. Gilchrist; capital stock, \$3,000; will deal in grain.

Indianapolis, Ind.—We are gathering data for our directory of the regular grain dealers of Indiana and hope to have it out before Oct. 1.—Chas. B. Riley, sec'y, Ind. G. D. A.

Fort Wayne, Ind.—We have moved our head office from Albion, Ind., to this city. The points we ship from are all on the B. & O., Albion, Avilla, Kimmel, Cromwell and Syracuse, Ind.—Stiefel Grain Co., successor to Straus, Ackerman & Co.



Lafayette, Ind.—The offer of Purdue University to supply instructors for a course in agriculture at the county teachers' institutes thruout the state has been accepted by 34 counties.

Monticello, Ind.—The Farmers Eltr. Co., incorporated to operate grain eltrs.; capital stock, \$12,000; incorporators, M. B. Spencer, David Dilling and E. O. Christy. It has purchased a site on which to build. M. B. Spencer is pres. and W. M. Reynolds, sec'y-treas.

The sec'y of the Indiana G. D. A. will accompany the Purdue University seed wheat trains over the Big Four lines Aug. 21-28. We are also making some plans for similar work in southwestern Indiana, particularly meetings at Vincennes, Princeton and Evansville.—Chas. B. Riley, sec'y.

Marshall, Ind.—Last November I purchased the Marshall Roller Mills from McMurry & Walther and retained Mr. Walther as a working partner. He became dissatisfied and left me. I have furnished all the money to purchase and operate.—Clay Thompson, successor to Thompson, Walther & Co.

Fairland, Ind.—The Fairland Grain Co., incorporated to operate grain eltrs. and flouring mills; capital stock, \$18,000; incorporators, N. C. Williams, C. T. Fraker and F. I. Imel. The company has purchased for \$25,000 three eltrs. of the Nading Mill & Grain Co., located here and at Boggs town sta., Fairland p. o., and London, Ind.

Indianapolis, Ind.—The Evans Mfg. Co. will erect a fireproof concrete eltr. of 200,000 bus. capacity, to be completed by Dec. 15. The house will be located just north of the present buildings on the Belt Line tracks and will be capable of handling 50 cars per day, the legs having a capacity of 10,000 bus. per hour. It will be equipped with 1,800-bu. hopper scales and a full line of cleaning, clipping, drying and grading machines. Each of the 40 bins will be filled or emptied by direct gravity spouting. The machinery will be driven by electric motors.

Fort Wayne, Ind.—The Egley-Doan Eltr. Co. incorporated to do a general grain and milling business; capital stock, \$50,000. The company was organized by C. G. Egley, a grain dealer of Berne, Ind., who will move here, and W. N. Doan of Ossian, who will maintain his residence there, where he has a grain business, but will come here daily. The directors are these two, T. A. Doan of Ossian, Joseph Whitmer of Grabill, Dr. F. J. Greenwell of Huntertown and D. L. Shalley and C. C. Sprunger of Berne. The company will start construction at once on a 75,000-bu. terminal and transfer eltr. 36x42 and 140 ft. high, of cribbed construction covered with Toncan metal. At the side of the eltr. will be two tracks, each 400 ft. long, one for loading and one for unloading. Equipment will be up to date in every respect, including two 1,600-lb. scales, nine electric motors and two sinks, one for ear corn. The eltr. will be erected on a site, 160x600 ft., along Grand Rapids & Ind. tracks.

## IOWA.

Atlantic, Ia.—A. A. Mickel will open a grain eltr. and a feed mill Sept. 1.

Fonda, Ia.—J. J. McCartan will succeed W. A. Galbraith, resigned, as mgr. of the Farmers Eltr. Co.

Gruver, Ia.—The Gruver Farmers Eltr. Co. bot the eltr. of the Western Eltr. Co.—J. G. Willey, mgr.

Altoona, Ia.—Construction has been started on an eltr. for O. H. Pearson on the interurban right of way. The concrete work is finished.

Alden, Ia.—A. D. Burke from Dayton, Ia., has been employed to manage the eltr. which the Farmers Eltr. Co. recently bot from O. S. Benshoof.

Garwin, Ia.—The Farmers Eltr. Co. has taken over the lumber business of William Thomas and will conduct that in addition to its grain business.

Yarmouth, Ia.—The new eltr. for Hayes & Hemmings has been completed by the Newell Construction Co.

Spirit Lake, Ia.—B. B. Anderson has taken over the eltr. of Anderson & Stockdale since that firm's dissolution.

Cedar Rapids, Ia.—The King-Wilder Grain Co. incorporated by C. S. King, pres., and S. W. Wilder; capital stock, \$50,000.

Cedar Rapids, Ia.—The loss in the recent fire at the plants of the Corno Mills Co. and the National Oats Co. totaled \$5,000.

Sexton, Ia.—John Bird of Bonair, Ia., has succeeded me as agt. at this station for the Hunting Eltr. Co.—A. M. Enny, agt. H. Eltr. Co., Hawkeye, Ia.

Dedham, Ia.—The Farmers Grain, L. S. & Lbr. Co. succeeded W. H. Pollock & Co. at this station Aug. 19 and has retained me as mgr.—W. B. Loeltz.

Carpenter, Ia.—Farmers Grain & Stock Co. incorporated; capital stock, \$10,000. Adolph Stehn is pres.; Elling Ellingson, vice pres.; Sam Severson, sec'y.

Dike, Ia.—Edward Dreher from Carpenter, Ia., will succeed Jno. Knepe as agt. for the Independent Grain & Lbr. Co.—R. N. Bagley, Jr., agt. Dike Grain Co.

Buckingham, Ia.—John Knepe will be transferred here from Dike, Ia., to manage the eltr. of the Independent Grain & Lbr. Co.—R. N. Bagley, Jr., agt. Dike Grain Co.

Estherville, Ia.—Anderson & Stockdale have dissolved partnership. Mr. Anderson has retained all the old line eltrs. and Mr. Stockdale the Stockdale & Dietz grain houses.

Council Bluffs, Ia.—The Trans-Mississippi Grain Co. has let the contract to Moulton & Evans for the erection of a 300,000-bu. storage eltr. to be used in connection with its present eltr.

Hawkeye, Ia.—The Farmers Eltr. Co. incorporated to buy and sell all commodities that the farmer buys or sells; capital stock, \$10,000; Robert Byrne, pres.; Fred Boie, sec'y; C. H. Bruhler, treas.

Highland Center, Ia.—L. White of Jefferson has succeeded R. P. Miner as agt. for the Neola Eltr. Co. Mr. White has been promoted to the position of auditor for that company, with headquarters at Perry.

Mt. Airy, Ia.—Gorden Garver, mgr. of the Tingley Eltr., narrowly escaped death recently when his arm was caught in a belt and he was hurled headlong into a boxing, bruising his shoulder, head and neck and rendering him unconscious.

Ames, Ia.—The state board of education has re-elected all the members of the faculty of the state Agri. College, with the exception of Prof. Holden, whose term expires Sept. 1. No man connected with the Agri. College enjoys the confidence of the people of this state more than does Prof. Holden and he is widely known outside the state.

Des Moines, Ia.—The Des Moines Commercial Club will help the Council of Grain Exchanges to make Grain Improvement Day, Aug. 31, at the state fair a success. Bert Ball, sec'y of the crop improvement committee, is endeavoring to enlist all Iowa's booster organizations to help restore this state to its former prominence as a wheat-growing state.

Osage, Ia.—Farmers have organized a company to do a general grain and coal business at Bucknam's Crossing, where a new town will be built, about half way between here and Little Cedar. The R. R. Co. has put in a side track and the eltr. company will build a small eltr. and coal sheds and start in business as soon as possible. The directors are William Allison, pres.; B. P. Cole, vice pres.; C. E. Bucknam, sec'y; I. H. Doudne and W. H. Kuhn.

Sioux City, Ia.—The supreme court has upheld the decision of the district court in awarding \$485.94 to the McCaull-Dinsmore Co. for damages sustained by not receiving a consignment of grain purchased from the Fritzon Grain Co. The case was brot into court in January, 1909. The original petition alleged that the McCaull-Dinsmore Co. had made a contract with the Fritzon

firm to supply it 5,000 bus. of corn at 50c per bu. On failure to deliver all the corn within the allotted time, the purchaser went into the market and bot the remainder and then brot suit for a loss suffered thru a raise in price.

Sioux City, Ia.—After Sept. 12 the Northwestern R. R. Co. will allow shippers of grain to points in Texas a stopover in Sioux City not to exceed six months for cleaning. This ruling is made so that grain dealers in South Dakota and other states who ship thru Sioux City may have the privilege of selling here if the market is found. If the grain is consigned to points in Texas and a stop is made here the thru rating, under the present schedule, will not apply. With the new measure the shipper will have the thru rating at any time within six months after the grain is brought into the city.

## KANSAS.

Nickerson, Kan.—The Farmers Eltr. Co. has put its new eltr. into operation.

Luray, Kan.—W. L. Johnson, Jr., will manage the eltr. of C. E. Robinson.

Fowler, Kan.—J. B. McClure has added an office building to the Fowler Eltr.

Kansas City, Kan.—Northwestern Eltr. Co. incorporated; capital stock, \$25,000.

Assaria, Kan.—The Western Star Mfg. Co. has purchased the eltr. of Carlson & Molander.—S.

Stafford, Kan.—G. H. Welch has succeeded H. T. Hathaway as mgr. for the Farmers Eltr. & Merc. Co.

Wellington, Kan.—Work is progressing rapidly on the new eltr. for the Aetna M. & Eltr. Co. A night shift has been added.

Topeka, Kan.—E. J. Smiley, sec'y of the Kansas Grain Dealers Ass'n, left the city Aug. 15 for a 2-weeks' vacation in Colorado.

Chapman, Kan.—Poor & Knight have let the contract for a 12,000-bu. concrete eltr. and corn mill to replace their eltr. burned in June.

Liberal, Kan.—We have sold to Titus & Hoskinson and will not be in the grain business for a year.—J. F. Funk of Funk & Sons.

Liberty, Kan.—M. Estes has succeeded me as grain buyer at this point for the Rea-Patterson Mfg. Co.—Thos. Laughlin, Cherryvale, Kan.

The Kansas Pure Food Department will undertake to prosecute mixers of sprouted, bin-burnt or otherwise damaged wheat with sound wheat.

White Water, Kan.—The White Water M. & Eltr. Co. has had its eltr. overhauled and new machinery installed by the P. H. Pelkey Construction Co.

Spearville, Kan.—The Belt Grain Co., that has its headquarters here, is building new warehouses and 30,000-bu. concrete tanks here and at Belfonte, Kan.

Downs, Kan.—High water recently destroyed the grain warehouse of A. Jackson & Co. with several hundred bus. of wheat and corn and about a carload of flour.

Cedar Vale, Kan.—L. C. Adam, head of the L. C. Adam Merc. Co., well known thruout southern Kansas and Oklahoma as a handler of grain and live stock, died in Kansas City, Aug. 7, where he had recently moved.

Kansas City, Kan.—The hearings of the mandamus proceedings in the Kansas grain inspection cases held here by J. H. Foster of Topeka, special master appointed by the supreme court, will be transferred to Winfield, Arkansas City and Wichita.

Wellington, Kan.—The eltr. of the Wellington M. & Eltr. Co. burned at noon of Aug. 19; loss on building and grain about \$60,000.—S. Insurance of \$18,000 on building and \$40,000 on grain in eltr. and adjoining steel tanks. Two steel tanks near the mill building were not touched by the fire. This necessitates immediate erection of a working house. The eltr. destroyed had a capacity of 75,000 bus., between 30,000 and 40,000 bus. of grain burned.



Wright, Kan.—The Belt Grain Co. is building a warehouse and later will build a 30,000-bu. concrete tank similar to those now under construction at Spearville and Belfonte. Its improvements at the three towns will cost over \$30,000 including new machinery.

Winfield, Kan.—C. G. Barner has purchased the interests of John C. and C. C. Daves in the firm of Hayes & Daves. The business will be continued under the firm name of the Hayes & Barner Grain Co. with practically the same management as before, the main change being that of name.—The H. & B. Grn. Co.

Kansas City, Kan.—Superintendents of terminal eltrs. were summoned before Judge Foster of Topeka, Aug. 7, who is conducting the hearing of the grain inspection cases in this city. The attorney for the seven eltr. companies alleged that these terminals were really in Kansas City, Mo., and therefore not subject to Kansas inspection rules.

Arkansas City, Kan.—Judge Foster of Topeka, Robert Stone representing the Kansas City Board of Trade and two attorneys representing the state grain inspection department took depositions here, Aug. 10, in the state grain inspection case to test the constitutionality of the recent law increasing grain inspection fees. The party went from here to Winfield to take depositions there.

Kelso, Kan.—The Kelso Grain Co. will build a new eltr. with a 2-story warehouse, 24x60 ft., up-to-date in every way. Equipment will include a Philip Smith Sheller, a cleaner, 9x24 three-pair high roller mill, a 30-h. p. engine, a corn cleaner and corn scourer, Richardson Automatic Scales both shipping and sacking, a wagon scale, four drags and two stands of eltrs. The P. H. Pelkey Construction Co. has the contract.

Leavenworth, Kan.—After standing idle for more than a year the 150,000-bu. Kansas Central Eltr. (Denton Bros.) has reopened in charge of J. E. Collins, foreman, who was superintendent of this eltr. before it closed. He says the overloaded eltrs. in Kansas City caused the re-opening of this and added: "If we do the business we anticipate the eltr. will run permanently. We will get most of our grain from Missouri, Kansas and Nebraska and will handle the grain of the Kemper Grain Co. of Kansas City in this eltr. We expect to receive five car loads daily and now have only a day force but later we may put on a night force."

Topeka, Kan.—Of the 11 northwestern counties that petitioned Gov. Stubbs to call a special session of the legislature to empower them to loan money to farmers to buy seed wheat for fall sowing, only five were represented at the conference here, Aug. 9, of the public utilities commission with railroad officials and these representatives said that only 20 to 30 per cent of the farmers in their counties needed help. Officials of the Rock Island, U. P., Santa Fe and Mo. Pac. agreed to have their roads haul seed wheat free to farmers that need it. The seed will be consigned to the county commissioners and distributed by them. The commissioners were instructed to prepare a list of names of farmers unable to buy seed wheat and send it to the public utilities commission which will assist such to get seed wheat. It is estimated that Gove County will need about 40,000 bus.; Thomas, 50,000; Logan, 25,000, and Wallace County, 10,000 bus.

The following instructions have been issued by D. R. Gorden, chief grain inspector of Kansas: "In quite a percentage of wheat received from various localities, weed seed and other objectionable matter are found. Realizing the difficulty in establishing rules that would cover all cases, inspectors will be governed as follows: Wheat containing as much as one-half of one per cent of the above and good enough in all other respects to carry the No. 2 grade, should be so graded, but should you find a greater percent than the above given, the wheat should be graded No. 3. Wheat containing three-quarters of

one per cent of weed seeds and other objectionable matter and otherwise good enough for No. 3 should be so graded but if a greater per cent is found then the car should be graded No. 4. Wheat containing one per cent and over should be graded No. 4 or sample according to the amount it carries. Much care should be exercised in arriving at a conclusion by taking several samples and passing them over sieves, etc., bearing in mind some parts of the car may carry more foreign matter than others."

Wichita, Kan.—Members of the Kansas Millers Club, which held a meeting here recently put themselves on record as favoring the dockage system of inspecting wheat as is done in the northwestern states. The millers complained that wheat for several years, and especially during the last year, contained an unusual amount of screenings and foreign matter which they were obliged to pay for at wheat prices. A considerable saving was promised by the adoption of such a system. The millers also favored the retention of the Kansas weighing and inspection law until some of the defects can be remedied by legislative action. Elevator operators and the railroads at Kansas City have attacked the law on the grounds that the fee for weighing and inspection is much higher than that charged in Missouri. A resolution which had been passed by millers at Topeka in a previous meeting attacking the methods of the Board of Trade of Kansas City in regard to its control of weighing and inspection was voted down principally due to L. R. Hurd and W. R. Watson, of Wichita, who spoke favorably of the weighing and inspection departments and of the members of that exchange.

## KENTUCKY.

Franklin, Ky.—A mill and eltr. will be erected here by a number of Simpson, Ky., farmers.

Louisville, Ky.—The plant of the Kentucky Public Eltr. Co. will be remodeled and enlarged, the improvements probably costing \$100,000. Oscar Fenley is pres.

Cadiz, Ky.—A. P. White & Co. are building an eltr. and a mill of reinforced concrete to be operated by power from a hydro-electric plant under construction. A concrete dam will provide a reservoir to furnish the water.

Greenville, Ky.—The Greenville Mfg. Co. has filed suit against the Ill. Cent. R. R. Co., the Chicago, St. L. & N. O. and three individuals, asking \$55,000 damages for loss of its eltr., mill and supplies in a fire last October, alleged to have been caused by carelessness in allowing quantities of highly combustible material to accumulate along their right of way, from which the fire was communicated to the plant, causing a loss estimated at the amount asked.

## LOUISIANA.

New Orleans, La.—New Orleans received during July 189,000 bus. of wheat, 177,020 of corn and 207,240 of oats and shipped 60,590 bus. of wheat, 74,344 of corn and 3,529 of oats.—H. S. Herring, sec'y Board of Trade.

## MARYLAND.

Port Covington, Arlington p. o., Md.—The Western Maryland Ry. Co. will erect an eltr.

## BALTIMORE LETTER.

The run of southern wheat is dwindling. We have had a lot of wheat from Ohio.—Ferdinand A. Meyer.

The directors of the Chamber of Commerce have decided to retain present fees for the weighing and inspection of grain during the coming year.

Not nearly the quantity of oats is coming from the middle west to Baltimore, as usually comes at this time of the year. The country is bullish on oats and not shipping, but holding all they have eltr. room for.—H. E. Elgert, of J. A. Wanger & Co.

Indications point to the embargo on hay soon being raised because the accumulation is now diminishing.—H. Sheridan, Traffic Mgr. Chamber of Commerce.

Chief Weighmaster Jas. H. Warren has devised a special certificate for "Bay" grain, which is grain from lower Maryland and tidewater Virginia and brot in by schooners. This trade amounts to a great deal in the course of a year altho the quantity shipped each day is small.

Baltimore received during July 2,919,794 bus. of wheat, 304,415 of corn, 243,155 of oats, 4,805 of rye and no barley; compared with 1,364,819 of wheat, 209,424 of corn, 162,736 of oats, 8,185 of rye and 2,128 of barley received in July, 1910. Shipments during the month were 892,849 of wheat, 382,884 of corn, 120 of oats and no rye or barley; against 72,480 of wheat, 90,794 of corn, 140 of oats and no rye or barley shipped in July, 1910.—Jas. B. Hessong, sec'y Chamber of Commerce.

The Chamber of Commerce has passed resolutions favoring the action of the Board of Trade of Kansas City which has decided to carry the case of the Hall-Baker Grain Co., which was recently convicted of violating the Pure Food law, to the highest court. The law holds interstate shippers responsible for wheat loaded in cars and the grade placed upon it by the state inspection department altho the shipper may not see the wheat. The resolutions are as follows "In view of the great uncertainty resulting to the grain trade and to the country at large in the upsetting by this decision of the methods of inspection, and of standards and grades of grain heretofore generally recognized as the basis of grain contracts:—Resolved, that the proposed action of the Kansas City Board of Trade, of carrying the case to the court of highest resort, is hereby heartily commended and endorsed. The marketing of our grain products involves transactions of such magnitude on a small margin of profit, that a final decision of the points at issue seems essential to a safe handling of the business."

## MICHIGAN.

Detroit, Mich.—The new firm of Ellair & Huston has entered business.

Vernon, Mich.—We will soon finish overhauling our eltr.—Michigan Mlg. Co.

Byron, Mich.—F. E. Close & Co. are equipping their eltr. with two Hall Signaling Distributors.

Union City, Mich.—Randall Bros., who purchased the Union City Roller Mills, will build a 20,000-bu. eltr.

Scotts, Mich.—White Bros. & Co. have rebuilt their eltr. at this station and have installed a cleaner and a scale.

Marcellus, Mich.—The Marcellus Mlg. Co. is having a 20,000-bu. steel grain storage tank erected 24 ft. in diameter and 42 ft. high.

Harbor Beach, Mich.—The Producers Eltr. Co. has succeeded Philip Binkle at this station and M. O'Mara is mgr.—L. K. Chamberlain, mgr. Sandusky Grain Co.

Bad Axe, Mich.—The contract for the building of a modern bean house for the Bad Axe Grain Co. has been let to the Burrell Eng. & Const. Co. A Hall Signaling Distributor will be installed.

Charlotte, Mich.—A movement is afoot among the farmers to organize a co-operative eltr. company. Two men have pledged themselves to subscribe to \$2,000 worth of stock each.

Detroit, Mich.—The annual meeting of the Michigan Bean Jobbers Ass'n will be held in Detroit, Sept. 7-8; headquarters at the Hotel Cadillac. The program has not been fully arranged.—J. A. Heath, Lenox, Mich.

Harrisville, Mich.—The Harrisville Mlg. Co. has let the contract for the erection of a 15,000-bu. cribbed eltr. and bean house to the Burrell Eng. & Construction Co. The house will be iron-clad, and will contain an automatic scale, 80-bu. hopper scale, three stands of legs, 20-h. p. gas engine, Invincible Cleaner, and a mill.



Millford, Mich.—Our eltr. burned Aug. 8, at about 12:30 p. m., caused, we believe, by a spark from a locomotive. The building was damaged to the extent of \$1,000, covered by insurance. A loss of \$3,000, partially insured, was suffered on the contents consisting of wool, rye, beans and feed.—Weaver & Watkins.

Detroit, Mich.—Receipts of grain at Detroit during July aggregated 313,112 bus. of wheat, 222,030 of corn, 473,863 of oats, no barley and 5,140 of rye; compared with 173,602 of wheat, 121,758 of corn, 204,727 of oats, 2,791 of barley and 5,752 of rye received in July, 1910. Shipments were 9,412 of wheat, 82,278 of corn, 1,500 of oats and no barley or rye; compared with 1,000 bus. of wheat, 69,379 of corn, 1,194 of oats, no barley and 1,117 of rye shipped in July, 1910.—F. W. Waring, sec'y Board of Trade.

Saginaw, Mich.—The Central Mich. Bean Jobbers Ass'n held its annual meeting here in the evening of Aug. 10 at Hotel Vincent. Preceding the business meeting a luncheon was served and the following subjects discussed: "What Effect Will Reciprocity Have on the Price of Beans?" by Pres. P. L. Perkins; "Trade Relations with Canada," by J. A. Heath, pres. of the State Bean Jobbers Ass'n; "How to Test Beans From Farmers," William Reardon; "Benefits of Organization," Henry W. Carr; "Shall We Continue to Loan Bags to Farmers?" M. E. Walker; "What the Capital City Has Done with the Bag Question," N. Isbell; "Business Courtesy Due Our Neighbors," Thomas Crawford; "An Attempt at Verses," V. P. Cash; "Shall One-Pound Stock be Bot Straight?" a discussion led by J. B. Crawford.

## MINNESOTA.

Hawley, Minn.—T. B. C. Evans is in Canada on vacation.

Tracy, Minn.—Louis Railson has bot the eltr. of the Sleepy Eye Mlg. Co.

Menahga, Minn.—An addition will be built to the eltr. of A. O. Richardson.

Dalton, Minn.—I am remodeling my eltr. and installing a dump scale.—A. O. Floren.

Radium, Minn.—The Northland Eltr. Co. has painted its house.—T. T. Shantzen, agt.

Hayfield, Minn.—J. M. Peterson will open an eltr. that has been closed for about a year.

Wykoff, Minn.—W. O. Wilson will have charge of the eltr. of the Gund Brewing Co.—X.

Freeport, Minn.—I have remodeled my eltr. and put in a cement foundation.—M. Hoeschen.

Duluth, Minn.—Last year's grain has practically all been moved from the head of the lakes.

West Union, Minn.—We have installed a new dump scale.—A. E. Erwin, mgr. Erwin Eltr. Co.

Brownsdale, Minn.—The La Crosse Grain Co. has bot the eltr. here of the Stephenson Grain Co. at this station.

Peterson, Minn.—T. Amundson has come here to take charge of the eltr. of the La Crosse Grain Co.

Dundas, Minn.—L. L. Babcock has installed an electric motor in his eltr. to operate his feed mill.

Bagley, Minn.—The new eltr. for the Clearwater County Co-op. Produce Ass'n is nearing completion.

Ash Creek, Minn.—S. J. Rulon, mgr. for the A. C. Farmers Eltr. Co., has had new cups and belting put in.

Marietta, Minn.—I will buy grain here this season for the Security Eltr. Co.—L. G. Becker, Gaylord, Minn.

Hinckley, Minn.—The North Branch Mlg. Co. will build an eltr. to use in connection with its feed store.

Cannon Falls, Minn.—R. E. Jones & Co. are remodeling and enlarging their eltr. and will install a dump scale.

Glyndon, Minn.—We have remodeled our eltr. and put in a new driveway.—Oscar Wangan, Agt. Duluth Eltr. Co.

Monterey, Minn.—Matson Bros. of Sherburn, Minn., have purchased the eltr. here of the Great Western Eltr. Co.

Sargeant, Minn.—The La Crosse Grain Co. has purchased the eltr. of the Stephenson Grain Co. at this station.

Dexter, Minn.—Verge Morrell has been made assistant to Stanley Stephenson at the eltr. of the La Crosse Grain Co.

Wylie, Minn.—Fred Richards of Red Lake Falls has been appointed mgr. for the Wylie Farmers Eltr. & Merc. Co.

Canby, Minn.—The new eltr. of G. W. Van Dusen & Co. has been put into operation. Improvements have cost \$7,000.

Stillwater, Minn.—I have succeeded Clint McGuire as manager of the Stillwater Equity Market Co.—P. F. Stone.

Sacred Heart, Minn.—The Eliason Grain Co. has purchased the eltr. formerly owned and operated by the McIntyre-Frerich Co.

Evansville, Minn.—We are installing an automatic scale, and repairing our eltr.—J. A. Lang, pres. Lang, Atwood & White.

Ashby, Minn.—The new eltr. of the Farmers Eltr. Co. is almost completed. Up-to-date equipment is being installed.

Harmony, Minn.—Several new bins are being built at the eltr. of T. McMichael and a dump scale has been installed.—X.

Henning, Minn.—I will resign my position as agent for the Atlantic Eltr. Co. and homestead a farm in Canada.—J. H. Whiting.

Royalton, Minn.—I. W. Rouck has arranged to operate his eltr. that has been leased for the last year to the Powers Eltr. Co.

Fosston, Minn.—The Farmers Eltr. Co. has bot the house of the Mnpls. & Northern Eltr. Co., which needs considerable repairing.

Hokah, Minn.—A farmers' eltr. company has been organized with A. J. Von Arx, pres.; Fred Pilger, sec'y, and Felix Hafner, treas.

Arlington, Minn.—The Security Eltr. Co. has repaired its house at this station and built new coal sheds.—L. G. Becker, Gaylord, Minn.

Rich Valley, Minn.—The eltr. of Jameison, Hevener & Griggs burned to the ground in the afternoon of Aug. 12.—Agt. J. H. & G.

Graceville, Minn.—The house we lease from the Cargill Eltr. Co. has been improved and a new cleaner installed.—M. T. Mahoney & Son.

Nelson, Minn.—I have moved my eltr. one-half block to its present location and am remodeling and building a new office.—W. O. Johnson.

Canby, Minn.—The Mutual Eltr. Co. has closed out its business here and O. E. Nygren, former mgr., will operate the house on his own account.

Elbow Lake, Minn.—Elbow Lake Farmers Independent Eltr. Co. incorporated by Ole A. Pikop, Bert Bordson and others; capital stock, \$5,000.

Ulen, Minn.—Harry Fair from Wood Lake, Minn., will manage the eltr. here for the Gt. Western Eltr. Co., which has been closed for some time.

Vesta, Minn.—Notwithstanding poor crops both eltrs. here will keep open but improvements will have to be few on this crop.—Agt. Bingham Bros.

Taopi, Minn.—G. W. Eastman, who has an eltr. at Elkton, Minn., and John Cronin of Rose Creek, Minn., have leased the eltr. here of W. F. Jordan.

Albert Lea, Minn.—The Speltz Grain & Fuel Co. has bot a tract of land near the R. I. depot, on condition that the R. R. Co. will put in a sidetrack.

Willmar, Minn.—The eltr. of the Minnesota & Western Grain Co. burned recently with several car loads of grain; loss about \$30,000, partly insured.

Oakland, Minn.—The La Crosse Grain Co. has opened its eltr. with E. R. Means from Wykoff as buyer. The Hunting Eltr. Co. is having its house repaired.

Princeton, Minn.—Only two eltrs. are operated here, those of the St. Anthony & Dak. Eltr. Co. and of the Princeton Roller Mill Co.—P. F. Wikeen, agt. St. A. & Dak. Eltr. Co.

Reading, Minn.—The eltrs. of Greig & Zeeman and of the D. Rothschild Grain Co. are closed here for the season, leaving only Moreland & Shuttleworth's open.—H. Rust, agt. M. & S.

Roseau, Minn.—The Farmers Eltr. Co. will soon have the house, recently purchased from the Hanson & Barzen Mlg. Co., ready for business under the management of Paul Anderson.

Bird Island, Minn.—The Crown Eltr. Co. has opened its house, closed since last spring, in charge of F. W. Fischer, who has been transferred from the company's eltr. at White Rock, S. D.

Nielsville, Minn.—The Northwestern Eltr. Co. is building an eltr. and will have it ready to buy wheat Sept. 15. The Crookston Mlg. Co. is repairing its eltr.—P. Skalet, agt. N. W. Eltr. Co.

Stephen, Minn.—The Farmers & Merchants Eltr. Co. has let the contract to T. E. Ibberson for the erection of a 30,000-bu., rapid-handling eltr. which will increase its capacity to 100,000 bus.

Thief River Falls, Minn.—Two eltrs. are now under construction at this point, one for O. Tessum & Co., the other for the recently organized T. Riv. F. Farmers Exchange Eltr. Co.—Peter Hughes.

Badger, Minn.—Paul Anderson, who has been mgr. for the Roseau County Farmers Co-op. Eltr. & Merc. Co. for the last two years, has resigned to buy grain for the Farmers Eltr. Co. of Roseau, Minn.

Bowlus, Minn.—Lightning recently struck the eltr. of Chris Borgerding, tore some shingles off and slightly scorched the building in some places; damage small. A narrow escape, as the places scorched were dusty and dry as tinder.

Clarkfield, Minn.—The Farmers Eltr. Co. is building a 35,000-bu. eltr. and installing a 15-h. p. Witte Gasoline Engine, 1,500-bu. Richardson Automatic scale, No. 5 Monitor Cleaner and a dump scale. C. E. Bird & Co. are doing the work.

Mapleton, Minn.—J. H. Dobie, who has bot grain here for the last 17 years, has taken over the two eltrs. that have been operated by the Powers Eltr. Co. One was originally built by the S. Y. Hyde Eltr. Co. and the other by Cargill & Co.

Spicer, Minn.—The Spicer Farmers Eltr. Co. incorporated by F. O. Swanson, Wm. Henderson and others; capital stock, \$2,000; has rented the house of the Cargill Eltr. Co. and employed John Tait, Jr., as mgr. It will handle grain, flour, feed and fuel.

Georgetown, Minn.—The recently organized Farmers Eltr. Co. has bot the house here of the Mnpls. & Nor. Eltr. Co., that has been closed for some time. M. E. L. Wilk is pres.; Theodore Nelson, sec'y; W. S. Bunnell, treas.; capital stock, \$10,000.

Glencoe, Minn.—The Farmers Union Eltr. Co. has closed its house here temporarily and R. E. Van Vleet, who has managed it for the last five years and had charge when it belonged to the Reliance Eltr. Co., has been transferred to Bird Island, Minn.

Winona, Minn.—The Bay State Mlg. Co. has let the contract to the Barnett & Record Co. for the erection of an 8-story, 40,000-bbl. mill of fireproof construction to replace that burned July 28, to be under roof before Jan. 1, 1912. Machinery contracts not yet let.

Duluth, Minn.—Directors of the Board of Trade have adopted regulations making it compulsory on all members of the ass'n who have traveling men soliciting business to go on the exchange, to procure licenses from the board of directors. It is proposed that each applicant for membership must make a personal appearance and undergo examination before the membership committee.—Chas. F. MacDonald, sec'y.



Lanesboro, Minn.—A dump scale is being installed at the eltr. of James Gribben & Co. (Gribben Bros.) Mr. James Gribben, who has had charge of the plant for several years, will retire from active interest and his brother Thomas will take charge this season.—X.

Glyndon, Minn.—The Federal Eltr. Co.'s eltr. was struck by lightning on the night of Aug. 20. The lightning struck the cupola and went clear down to the boot. Several persons saw it starting to burn and immediately put out the fire. Loss on building, including grain, is about \$250.—J. R. Johnston, Agt.

Bird Island, Minn.—R. E. Van Vleet from Glencoe, Minn., has succeeded E. F. Ibsen as buyer for the Farmers Union Eltr. Co. Mr. Ibsen has been transferred to Hutchinson, Minn. The changes are results of the company having to close some of its Dakota eltrs. and give its men positions where crops have been raised.

Hawley, Minn.—The safe of T. B. C. Evans, grain dealer here, was robbed on the night of Aug. 20, and \$1.50 in cash taken. This is the second time this year, the last time the thieves got 32c. Mr. Evans makes it a practice always to leave the combination unlocked, so they do not break the safe to pieces, and never leaves much currency in it.

Duluth, Minn.—S. W. Pierce, connected with the Board of Trade house of Thomas Gibson, died at his home in Superior, Wis., Aug. 16, after having suffered two strokes of paralysis; aged 69; survived by his widow and four daughters. He was actively engaged in the grain business until his death and was well known in the twin ports. He had lived in Superior 21 years.

Willmar, Minn.—C. O. Johnson, local agt. for the Duluth Eltr. Co., was taken into custody Aug. 10, charged with grand larceny and having forged wheat tickets and drawn on the company for them. The amount of his shortage named in the complaint is \$1,300, but it is supposed it may reach \$5,000. An accountant for a surety company has been here checking over Johnson's accounts.

Holloway, Minn.—The cyclone that went thru this territory Aug. 15 wrecked the eltr. of the E. S. Mooers Eltr. Co. As it has not been operated for the last three years I do not think it will be rebuilt. H. E. Trammell, former mgr. for the Farmers Eltr. Co., now buys grain for the Winter-Truesdell-Ames Co. and P. Dahlie buys for the Interstate Grain Co.—John H. Hagen, mgr. Holloway Co-op. Eltr. Co.

Lake Crystal, Minn.—Flames discovered at 3:30 in the afternoon of Aug. 15 in the cupola of the eltr. of the C. S. Christensen Co. destroyed that building, spread to the eltr. of W. P. Marston and burned over half of it. Mr. Christensen valued his building at \$6,000, fully insured, loss on grain not stated. He will not rebuild at present. Mr. Marston carried an insurance of \$2,000 on the building which cost \$2,500 when erected, grain also insured. He will rebuild.

Duluth, Minn.—Receipts of grain in July aggregated 1,036,354 bus. of wheat, 18,513 of corn, 134,056 of oats, 34 of rye and 425 of barley; compared with 1,518,482 bus. of wheat, 51,135 of corn, 185,475 of oats, 5,061 of rye and 632,876 bus. of barley received in July last year. July shipments included 2,538,541 bus. of wheat, 141,469 of corn, 178,054 of oats, 114 of rye and 425 bus. of barley; against 1,684,533 bus. of wheat, 196,046 of corn, 925,963 of oats, 53,100 of rye and 504,268 bus. of barley shipped in July, 1910. Total receipts of grains for the year of Aug. 1, 1910, to July 31, 1911, aggregated 1,418,072 bus. of Canadian grain in bond and 42,850,799 bus. of American grain against 4,740,279 bus. of bonded and 90,702,203 bus. of domestic grain received in the previous year. Total shipments of grain for the year ended July 31 aggregated 1,565,631 bus. of Canadian grain in bond and 341,386,020 of American against 4,164,004 bus. of bonded and 85,996,169 bus. of domestic grain shipped during the previous year. The year's

wheat receipts aggregated 20,952,232 bus. of spring, 754,150 of winter and 6,439,171 bus. of durum against 36,160,547 bus. of spring, 82,338 of winter and 22,051 bus. of durum wheat received in the previous year.—Chas. F. Macdonald, sec'y Board of Trade.

## MINNEAPOLIS LETTER.

Demar T. Johnson has succeeded John McMillan as a member of the board of directors.

The recently incorporated Benson-Newhouse-Stabeck Co. is the successor to the Loomis-Benson Co.

Members admitted to the Chamber of Commerce during July are John A. Nelson and David N. Winton.

L. C. Rains, formerly with the Van Dusen-Harrington Co. as traffic mgr., is now grain and flour agt. for the M. & St. L. railroad.

Fire which has been smoldering in the ruins of the Quaker Eltr. has rekindled several times in spite of the wet weather and the immense amount of water thrown on them by the fire department.

J. L. Tracy, of Brown & Tracy, has sold out his interests in the firm and will move to Oregon. The firm will be continued under the same name and T. R. Knight, who has been connected with the firm for many years will assume Mr. Tracy's place.

Jas. S. Bell, pres. of the Washburn-Crosby Co. was tendered a dinner upon his arrival home from a trip abroad by twenty of his friends. He denied the much published report that he dreamed in a hotel in London that James Pettit was dead and awoke to find an account of the drowning in a morning paper.

Few changes in the grading rules of the state grain inspection service were suggested at the meeting in Minneapolis, Aug. 8, with members of the state R. R. and warehouse commission, the state board of grain appeals and Minnesota grain dealers and eltr. men. F. W. Eva, chief grain inspector, writes: The rules this year are exactly the same as those of last with this exception: a foot note pertains to a variety of wheat known as "hump-back" which is only permitted to grade as No. 3.

Alexander McCune, referee in bankruptcy, maintains that shares of stock in the Minnesota Grain Indemnity Co. were gambling contracts and that the shareholders were in a pool for speculative purposes and has thrown out the claims of stockholders in bankruptcy proceedings against Sherman R. Norris, former pres. of the company. Embezzlement charges against Norris have been dismissed and he has brot suit for \$50,000 damages against former shareholders and their attorneys for alleged conspiracy to ruin him.

Nels Enge, pres. of the Nels Enge Grain Commission Co., has filed a petition in bankruptcy with liabilities of \$158,058.90 and assets of \$87,271.96. The principal creditors are: Bank of Svea, \$2,000; L. N. Loomis, \$3,520; Nichols & Taylor, \$28,000; Brown Grain Co., \$20,000; Stair-Christensen & Timmerman, \$11,500; Bank of Hamilton, Sask., \$12,000; Union State Bank, \$4,300; Farmers Co-operative Grain Co., \$10,500; E. A. Wadsworth, \$1,400; Hastings Electric Lt. & W. Co., \$10,000; Yorkton Cereal Co., \$6,500; Aberdeen Mfg. Co., Ltd., \$10,500; Jas. E. Mohan, \$4,000; Millers Mutual Fire Ins. Co., \$10,000; Michigan Millers Fire Ins. Co., \$6,000; Ohio Millers M. Fire Ins. Co., \$6,000.

The first financial statement of F. H. Peavey & Co. was issued Aug. 16 by the creditors' committee and shows gross assets of \$5,718,068.55, consisting of \$4,789,649.46 in shares of subsidiary corporations; \$169,545.04 in shares of other corporations; \$613,787.20 in notes and accounts of subsidiary companies; \$21,800 in sundry receivable notes; \$68,370.20 in receivable accounts; \$8,000 in Chamber of Commerce memberships; \$776.73 in prepaid interest and \$46,139.92 in cash. The liabilities are \$3,680,895 in capital stock and undivided profits; \$1,201,200 in notes payable; \$821,-

828 balance due to subsidiary companies; \$7,515 in payable accounts and \$6,628 in reserve for taxes and expenses. In a letter to creditors, it is said that claims aggregating \$1,663,849 have been deposited with the Minneapolis Trust Co. The letter also says: To correct an erroneous impression in some quarters caused by the publication of inaccurate reports, we take this occasion to advise you that none of the debts of the Peavey Grain Co. of Chicago will be included in or secured by the proposed collateral deed of trust.

## MISSOURI.

Frankford, Mo.—The new eltr. of L. T. Tucker & Co. is receiving grain.

Jefferson City, Mo.—The Missouri state board of agriculture met here Aug. 17 to conclude its selection of the proposed trans-state highway between Kansas City and St. Louis.

Hartsburg, Mo.—W. Y. Moore, mgr. of the eltr., had his hand badly mangled recently while trying to clean out a choked eltr. boot. The machinery was moving and his hand was caught by a cup.

## KANSAS CITY LETTER.

Robert Y. Smith has gone into business for himself under the firm name of the Robert Y. Smith Grain Co.

The Tomlin Grain Co., incorporated, capital, \$15,000; incorporators: John R. Tomlin, E. T. Tomlin and W. H. England.

F. M. Corbin, who resigned from the Board of Trade several years ago, has applied for membership. He will be connected with B. C. Christopher & Co.

Frank B. Clay, until recently mgr. of the Midland Eltr. Co., has entered the grain business under the firm name of the F. B. Clay Grain Co. with offices in the Exchange Bldg.

The membership in the Board of Trade held by the late James Pettit, pres. of the Peavey Grain Co., at Chicago, has been posted for transfer to C. C. Andrews, a former member who has been farming near Blue Springs, Mo. Mr. Andrews will be connected with the sales department of the Thresher-Fuller Co.

Action against three bucket-shoppers was recently taken by C. P. Moss, pres. of the Board of Trade, who conferred with Assistant Prosecuting Attorney Jacobs. Mr. Jacobs is endeavoring to collect enough evidence to insure conviction. It is said that the bucket-shoppers secure quotations from Chicago at 15-minute intervals and make the sales ostensibly in Chicago thus obviating the need of affixing a 25c stamp to the record of each sale as required by the Missouri law.

## ST. LOUIS LETTER.

The Purina Mills has let contract to James Stewart & Co. for reinforced concrete tanks of about 170,000 bus. capacity.

The Banner Products Co., of East St. Louis, has withdrawn from business. Henry W. Mack and Jas. W. Dye comprised the firm.

John L. Messmore and Edward M. Flesh have been appointed to represent the Merchants Exchange in a meeting of the Council of Grain Exchanges held to consider the formation of uniform rules for the conduct of grain transactions. The proposed rules will be based upon those of the Chicago Board of Trade.

John Dower, supervisor of the department of weights of the Merchants Exchange, reports that there were received at St. Louis during July 647 cars with leaking grain doors, 64 leaking over the grain doors, 4,074 with leaking boxes, 75 with leaking end windows, 1,047 cars not sealed, 166 with end windows not sealed and 142 with end windows open.

A petition was recently presented to the board of directors of the Merchants Exchange asking that the rule regarding deliveries on contracts be so amended that in case of a lack of storage room contract grain in cars on track could be made regular for delivery on September contracts. This action grew out of the large receipts



of wheat and oats which have severely taxed the capacity of the market's storage room. What little storage room not filled was contracted for far in advance and has been held in reserve. Another petition protesting against such action was also presented, the signers claiming that banks would not accept car receipts as collateral for loans as they do elevator receipts and also that it would be impossible to get insurance under such conditions. The petitions were considered by the directors Aug. 15 and after thorough consideration it was unanimously agreed to lay both on the table.

## MONTANA.

Moccasin, Mont.—The Farmers Eltr. Co. has opened its house.

Broadview, Mont.—The Rocky Mt. Eltr. Co. is having a 25,000-bu. eltr. built here.

Manhattan, Mont.—The new eltr. has been completed for the Fisher Flouring Mill Co.

Eureka, Mont.—The Royal Mlg. Co. of Kalispell, Mont., is considering building an eltr. here.

Power sta., Manchester p. o., Mont.—The Rocky Mt. Eltr. Co. will build a 25,000-bu. eltr. here.

Sidney, Mont.—The Victoria Eltr. Co. of Minneapolis is planning to build an eltr. here this fall.

Ryegate, Mont.—John A. Black of Lidgerwood, N. D., has obtained a site here on which to build an eltr.

Savage, Mont.—The Eastern Mont. Farmers Eltr. Co. of Glendive, Mont., is planning to build an eltr. here.

Wayne sta., Belt p. o., Mont.—Construction will soon be started on a 25,000-bu. eltr. for the Rocky Mt. Eltr. Co.

Cut Bank, Mont.—Peterson & Lewis, of Minneapolis, will build an eltr. here to be ready to receive grain in 60 days.

Willow Creek, Mont.—T. A. Kvindlog is having an eltr. built here and will handle grain, coal, machinery and lumber.

Valier, Mont.—The Rocky Mt. Eltr. Co. has its 25,000-bu. eltr. completed at this point and is considering the erection of two others.

Belmont, Mont.—A 25,000-bu. eltr. is being built on concrete foundation for the Rocky Mt. Mlg. Co., a feeder for the Royal Mlg. Co. of Great Falls, Mont.

Medicine Lake, Mont.—The Imperial Eltr. Co. is having a 5-h. p. Otto Gas Engine and a dump scale installed in its 25,000-bu. eltr. under construction by C. E. Bird & Co.

Wagner, Mont.—The St. Anthony & Dakota Eltr. Co., of Minneapolis, is building a 25,000-bu. eltr. and installing an 8-h. p. gasoline engine and dump scale. C. E. Bird & Co. have the contract.

Sidney, Mont.—We are rebuilding our eltr. on the Missouri Riv. Ry., a branch of the N. P. It is a 30,000-bu. house.—A Vaux, pres. Valley Merc. & Lbr. Co. This eltr. was recently destroyed by lightning.

Saco, Mont.—Farmers Eltr. Co. is building a 25,000-bu. eltr. on concrete foundation, of cribbed construction, to be equipped with an 8-h. p. engine and wagon scale. Honstain Bros. Co. has the contract.

Lothair, Mont.—As this section is being settled rapidly, by next year considerable grain will be raised here and I may again enter the grain business.—John R. Hogg, formerly with Hogg Eltr. Co., Drayton, N. D.

Great Falls, Mont.—J. W. Sherwood, mgr. for the Rocky Mt. Eltr. Co., has just returned from investigating crop conditions in the Judith Basin, where his company has three 25,000-bu. eltrs. under construction at Hedgesville, Broadview and Belmont, will soon start work on two others and is considering a suitable location for a sixth, probably at Judith Gap, a division point on the Billings division of the Gt. Northern. No other eltr. facilities now at any of the first five stations.

Lewistown, Mont.—At a recent meeting of officials of the Western Lbr. & Grain Co., attended by Pres. J. E. Phelan of Bowman, N. D., it was decided to start construction at once on two 40,000-bu. eltrs., one at Hilger and the other at Colver's ranch. Neither is a post office or even listed as a station.

Roundup, Mont.—I. N. Bunn, a grain buyer from Chaffee, N. D., has organized an eltr. company here with F. M. Wall, pres.; C. F. Richardson, treas., and N. R. McDonald, sec'y. The \$25,000 capital stock required has practically been subscribed by these officials and four others, including Mr. Bunn who will be mgr. The company is erecting a temporary flathouse on leased ground, in which to handle this year's crop with the intention of building permanently next year.

## NEBRASKA.

Prairie Home, Neb.—F. C. Hall is a scooper here.

Beatrice, Neb.—Black Bros. have improved their eltr.

Danbury, Neb.—The Duff Grain Co. has closed its house here.

Atlanta, Neb.—The McConaughy Grain Co. has reroofed its eltr.

Sumner, Neb.—Office of the Omaha Eltr. Co. is closed at this station.

Reynolds, Neb.—We have succeeded Frank E. Warren.—Gregory Bros.

Chester, Neb.—O. L. Brown is having his eltr. remodeled by G. H. Birchard.

Sargent, Neb.—R. P. Leach is the successor D. W. Raisch as mgr. for J. H. Currie.

Broken Bow, Neb.—We ship about 300,000 bus. of grain annually from this station.—F. J. Bahr.

Agnew, Neb.—Chris Hellerick is the successor of D. A. Hagelin as agt. for the Nebraska Eltr. Co.

Heartwell, Neb.—Nick Hawes is agent for Shannon Grain Co.—F. W. Hoobler, agt. for Frank Real.

Kramer, Neb.—We are remodeling the eltr. we bot here from the Ewart Grain Co.—The Crete Mills.

Linwood, Neb.—I have succeeded Jos. C. Henshka as agt. for Nye-Schneider-Fowler Co.—F. A. Johannes.

Prairie Home, Neb.—We have purchased the eltr. of F. Hendrickson.—Glenn J. Porter, Agt. Home Grain Co.

Winnebago, Neb.—H. D. Clark has purchased the eltr. of the Sioux City Grn. & Lbr. Co.—R. H. J. Osborn.

Loretto, Neb.—I have succeeded Frank Drescal as agent for the Nye-Schneider-Fowler Co.—B. Treschaut.

Wisner, Neb.—We will install a 10-h.p. electric motor in our eltr. to replace steam plant.—F. W. & A. J. West.

Pender, Neb.—The Anchor Grain Co. is building a 25,000-bu. eltr. and expects to have it completed by Sept. 1.

Ruskin, Neb.—Wright-Leet Grn. Co. has closed its eltr. for the season.—John E. Jones, Agt. Lincoln Grain Co.

Bradshaw, Neb.—C. D. Coburn has succeeded J. E. Stough as agt. for the T. B. Ilford Grain Co.—J. H. Currie.

Yutan, Neb.—The eltr. of Brabec & Ohm has burned; loss, \$5,000; insurance, \$3,500. They will probably not rebuild.

Burr, Neb.—The Ewart Grain Co. has filed suit in county court against the Farmers Eltr. Co. of Burr for \$530.49.

Foley, Neb., David City p. o.—I have succeeded S. B. Smith as manager of the Farmers Grn. Co.—C. B. Moriarty.

Bee, Neb.—The recently organized farmers' company has let the contract to G. H. Birchard for the erection of an eltr.

Wakefield, Neb.—Vic Larson is manager of the Anchor Grain Co. Geo. Temple has succeeded C. W. Lundquist as manager of the Saunders-Westrand Eltr.—Chas. Busby, mgr. Farmers Grain Co.

Loomis, Neb.—Albert Johnson is manager for H. O. B. Basher & Son.—J. A. McGuire, mgr. Loomis Grain & Mlg. Co.

Woodlawn, Lincoln p. o., Neb.—The mill of the Kendall-Smith Grain Co. is being remodeled and will be used as an eltr.

Hollinger, Neb.—H. H. Zieme has succeeded John Tripe as mgr. for the Enterprise Grain Co.—Central Granaries Co.

Exeter, Neb.—The recently organized farmers company has let the contract to G. H. Birchard for the erection of an eltr.

Ulysses, Neb.—The Farmers Eltr. Co. has increased its capital stock to \$15,000. The eltr. recently burned will be rebuilt.

Crete, Neb.—C. L. Aller, mgr. of the Crete Mills, has gone on a vacation to Idaho and the Pacific coast.—The Crete Mills.

Prosser, Neb.—The Verona Grain & Lbr. Co. has succeeded the Farmers Grain & Stock Co. and I am mgr.—Earl H. Ground.

Farwell, Neb.—John Hofseth is mgr. of Gooch Mlg. & Eltr. Co., succeeding C. W. Baker.—E. G. Taylor, Agt. Ignac Pawlowski.

Cornlea, Neb.—P. Schad has succeeded John Muck as local agt. for the Nye-Schneider-Fowler Co.—Crowell Lbr. & Grain Co.

Monroe, Neb.—The Monroe Farmers Ass'n has installed a new 10-h.p. Otto Gasoline Engine and will paint its eltr. this fall.—C. O. Hart, mgr.

Table Rock, Neb.—We have received many communications addressed to the Hayes-Eames Eltr. Co. which sold out its entire line to the Central Granaries Co.—J. F. Owen, agt. Cent. Gra. Co.

Brainerd, Neb.—J. F. Jirover, former agt. here for the Omaha Eltr. Co., is no longer in the grain business; he is a butcher in Clarkson.—A. Dusatko, agt. Crowell Lbr. & Grain Co., Clarkson, Neb.

Wakefield, Neb.—Victor Larson has succeeded G. V. Patrick as agt. for the Anchor Grain Co. and Ed. Temple has succeeded C. W. Lindquist as agt. for the Saunders-Westrand Co.—Benson Grain Co.

Ulysses, Neb.—The Farmers Grain & Supply Co. has let the contract to G. H. Birchard to build a 25,000-bu. house, iron-clad, to replace the one burned July 14; meantime it is loading grain directly into cars.

Davenport, Neb.—The eltr. of the Shannon Grain Co. has been closed at this station, not that of the Nye-Schneider-Fowler Co., as erroneously reported in this column Aug. 10.—A. D. Skinner, mgr. Farmers Shipping Ass'n.

Walthill, Neb.—The Farmers Grain Co. has succeeded the King-Truax Co., with J. L. Irby as mgr. H. D. Clark has purchased the eltr. of the Sioux City Grn. & L. Co. Jas. E. Wright is agent for the McCaull-Webster Eltr. Co.—G. C. Logan, agt. for J. J. Mullaney.

Clarkson, Neb.—The Crowell Lbr. & Grain Co. and the Nye-Schneider-Fowler Co. are the only firms that now operate eltrs here. The house of the Clarkson Mlg. & Grain Co. is closed awaiting a sheriff's sale that will come off next spring.—A. Dusatko, agt. C. Lbr. & Grn. Co.

Sunol, Neb.—The only regular grain dealer having established facilities for handling grain at this station is L. F. Demers, who has an 8,000-bu. eltr. Millers who have attempted to induce the lumber company to engage in scoop shoveling and have sent it bids regularly have failed to accomplish their purpose.

Gresham, Neb.—The Udpick Grain Co. recently made quite extensive repairs on its eltr. here, repainted it and will build a new office this fall. The Gresham Grain Co., that bot the eltr. of B. F. Morehouse, is considering putting in a new automatic scale and a Hall Distributor this fall.—S. A. Tobey, agt. U. Grn. Co.

## OMAHA LETTER.

Geo. C. Thompson, one of the oldest members of the Grain Exchange has retired from the grain business.



The Hotel Rome has been selected as headquarters for the convention of the Grain Dealers National Ass'n to be held Oct. 9, 10 and 11.

Plans have been made to entertain the visiting delegates to the convention of the Grain Dealers National Ass'n by a theater party Oct. 9 and a banquet Oct. 10. The entertainment committee has been appointed to consist of N. B. Updike, F. S. Cowgill, F. P. Manchester, Sherman Saunders and E. P. Peck.

## NEW JERSEY.

Edgewater, N. J.—The Midland Linseed Co. has let contract to Jas. Stewart & Co. for a reinforced concrete working eltr. and concrete storage bins of 500,000 bus. capacity; also for a pressroom, a power plant, a warehouse and an office, all of reinforced concrete to cover about two city blocks. It will be the largest linseed oil factory in the world. It will have a marine tower besides a dock warehouse.

## NEW YORK.

Eaton, N. Y.—The eltr. of the Eaton Buckwheat Mfg. Co. burned Aug. 17.

Utica, N. Y.—The Frank Ogden Co. has been incorporated as the Ogden Grain Co.; capital stock, \$25,000.

Saratoga Springs, N. Y.—Jas. H. Jones was recently declared bankrupt; assets, \$11,900; liabilities, \$16,702.

Buffalo, N. Y.—Spencer Kellogg & Sons have brot suit against the Bankers Security Co. and the Steel Storage & Eltr. Const. Co. for \$150,000 for alleged failure to fulfill contract. The construction company has filed a counter claim for damages and charges that Spencer Kellogg & Sons failed to live up to their contract.

## NEW YORK LETTER.

Phillip Segaller, in the grain exporting business, has filed a petition in bankruptcy.

When the new subway is far enough advanced 25,000 horses will be needed. These will consume 10,000 to 12,000 bu. a day of feed.—W. P. Ketcham.

Considerable wheat has arrived here containing much smut and other dirt and shippers have been complaining because their shipments have not graded No. 2 red. Most of this wheat has come from Indiana and Ohio and some from Illinois. This wheat contains too much straw, chaff or cockle to grade No. 2 red in this market. I have written the Illinois Grain Dealers Ass'n to send a representative to investigate.—G. H. K. White, inspector-in-chief, Produce Exchange.

## NORTH DAKOTA.

Bartlett, N. D.—Maurice Pepoon has bot an eltr. here.

Alfred, N. D.—The Bagley Eltr. Co. will erect a 25,000-bu. eltr.

Driscoll, N. D.—Work is progressing on an eltr. for O. A. Krogan.

Simcoe, N. D.—The Co-operative Eltr. Co. incorporated; capital stock, \$10,000.

Walcott, N. D.—C. J. Johnson has been appointed mgr. of the Farmers Eltr. Co.

Grafton, N. D.—Chas. Hanson has purchased the eltr. of the Grafton Roller Mills Co.

Bowbells, N. D.—Adolph Anderson has been engaged as mgr. for the Farmers Eltr. Co.

Osnabrook, N. D.—The eltr. of the Minn. & Nor. Eltr. Co. has been thoroly overhauled.

Bowbells, N. D.—The Farmers Co-op. Grain & Trading Co. will either build or lease an eltr.

Carrington, N. D.—A. E. Ireland & Co. have leased the eltr. of the Osborne-McMillan Eltr. Co.

Danzig, N. D.—The Farmers Eltr. Co., incorporated, capital, \$10,000; incorporators: George Gackle, Peter Billigmeier, of Kulm, and Geo. E. Schlechter, of Bowdon.

Overly, N. D.—The Atlantic Eltr. Co. is building a 30,000-bu. eltr., replacing the one burned recently.

Sheldon, N. D.—The eltr. of the Monarch Eltr. Co. has been opened with H. V. Nichols in charge.

Luverne, Hope p. o., N. D.—The Farmers Eltr. Co. is being organized and will erect a 50,000-bu. eltr.

Valley City, N. D.—The Russell-Miller Mfg. Co. has leased and is overhauling the eltr. of P. P. Persons.

Merricourt, N. D.—The eltr. of the W. J. Webb Eltr. Co. has been repaired. T. E. Ibberson had the contract.

Bowman, N. D.—The Geo. C. Bagley Eltr. Co. is building a 20,000-bu. eltr. replacing the one burned May 1.

Gardena, N. D.—The Atlantic Eltr. Co. is rebuilding its eltr. burned June 1, 1911. The capacity will be 30,000 bu.

Clyde, N. D.—Sturm & Price are erecting a 30,000-bu. eltr. on a farm near here. Frank Jhanke has the contract.

New Leipzig, N. D.—The eltr. of the Bagley Eltr. Co. has been completed and E. R. Freeman placed in charge.

Northwood, N. D.—I am agt. for the Andrews Grain Co.—F. R. Lynch, former agt. Sask. Eltr. Co., Ltd., Benito, Man.

Carrington, N. D.—The eltr. of the Acme Eltr. Co., which was recently blown over by the wind, will be reconstructed.

Reynolds, N. D.—D. J. Hennessy has bot the eltr. of the Minn. & Nor. Eltr. Co. and will conduct a general grain business.

Flasher, N. D.—J. J. Miller, formerly agt. for the Occident Eltr. Co., has been appointed mgr. of the Farmers Eltr. Co.

Brocket, N. D.—Farmers are organizing an eltr. company and have subscribed \$5,000 in stock. An eltr. will probably be built.

Mooreton, N. D.—W. W. Peterson has resigned as mgr. of the Mooreton Farmers Eltr. Co. and has been succeeded by Ernest Bailey.

Edmore, N. D.—C. C. Honey, Geo. McLean and C. A. Sagen have bot the eltr. of the Minn. & Nor. Eltr. Co. Mr. Sagen will be buyer.

McGregor, N. D.—Bids for the erection of an eltr. for the recently incorporated Farmers Eltr. Co. will be opened by Sec'y Dittman Aug. 31.

Huff, N. D.—The Farmers Eltr. Co. has given the contract to the Meinecks Const. Co. for the erection of an eltr. to be completed by Oct. 1.

Olmstead, N. D.—Messure & Co. are building a small eltr. at a siding on the Farmers Grain & Shipping Co.'s Ry. between here and Newville.

Gt. Bend, N. D.—The eltr. of the Gt. Western Eltr. Co. has been closed and Chas. Bronsmon, the buyer, has been transferred to another station.

Egeland, N. D.—The eltr. of the Northland Eltr. Co. is being dismantled and will be reconstructed at a station on the Flaxton branch of the Soo railway.

Mott, N. D.—Work is progressing rapidly upon the 40,000-bu. eltr. of the Occident Eltr. Co. It is located on the N. P. tracks and will be managed by D. C. Rank.

Delamere, N. D.—The Crown Eltr. Co. is building a 30,000-bu. eltr. equipped with 8-h. p. engine and hopper and wagon scales. L. O. Hickok & Son are doing the work.

Nash, N. D.—The St. Anthony & Dakota Eltr. Co. is building a 30,000-bu. eltr. and installing a scale and an 8-h. p. engine. L. O. Hickok & Son are doing the work.

Anamoose, N. D.—A number of stockholders in the Farmers Eltr. Co. are said to have been refused an accounting and statement of the company's condition by the stockholders. The situation may result in the appointment of a receiver by the state railway commission.

Manvel, N. D.—The eltr. of the Minn. & Northern Eltr. Co. burned Aug. 8 with a loss of \$6,000. The fire was caused it is thot by tramps who were sleeping in the building.

Des Lacs, N. D.—N. J. Olsen & Sons are building a 25,000-bu. house and installing an 8-h. p. engine; also dump and hopper scale. The house will be iron clad. C. E. Bird & Co. are doing the work.

Crary, N. D.—The Crary Farmers Eltr. Co., incorporated, capital, \$5,000; incorporators: D. C. McLeod, D. W. Hunter and M. R. McLeod. The eltr. of the Minn. & Northern Eltr. Co. has been purchased.

Bismarck, N. D.—The state railway commission has issued 225 elevator license permits out of approximately 2,000 eltrs. in the state. The period for which these licenses are being issued is from Aug. 1, 1911, to July 31, 1913.

Sentinel Butte, N. D.—Farmers of this territory are organizing the Farmers Eltr. Co. and have appointed a committee consisting of J. A. Kitchen, R. L. Barnett and A. Kern to confer with eltr. owners here with the view of purchasing.

Heaton, N. D.—Gus Cusack has been appointed agt. for the Occident Eltr. Co., Knute Alfson, agt. for the Monarch Eltr. Co. and F. O. Klinger, mgr. for the Farmers Eltr. Co. E. C. Schmitt will continue as agt. for the Andrews Grain Co.

New Rockford, N. D.—The Farmers Eltr. Co. will erect an eltr. to replace the one recently burned. The new house will be built on the old site, of 40,000 bus. capacity and will be equipped with the most up-to-date machinery. It will be completed Sept. 15.

Bismarck, N. D.—A number of prominent grain men of the Northwest have given, thru P. L. Howes, pres. of the Imperial Mfg. Co., \$600 toward the premium list of the North Dakota Exposition "to encourage better and diversified farming, better and cleaner grain and greater interest and energy in farming as a business in North Dakota."

Warwick, N. D.—The Equity Eltr. & Trading Co., incorporated, capital, \$10,000; incorporators: J. E. Langley, Erick Stubson, Leo. C. Wright, Martin Peterson, John Hatland, Andrew Oddegard, Edward McDonald, Fred Rasmusson and Modse Birkland. J. E. Langley is pres., Erick Stubson, vice-pres., L. C. Wright, sec'y, and Martin Peterson, treas.

Souris, N. D.—The St. Anthony & Dak. Eltr. Co., whose eltr. was burned July 8, has leased the eltr. of the Imperial Eltr. Co. with Oscar Gilbertson continuing as its agt. The eltr. of the Acme Eltr. Co. has opened with Peter Hexon in charge. We will repair our eltr. this fall and put in new legs and new cups and also new spout.—C. A. Kirkeby, mgr. Souris Farmers Eltr. Co.

Sharon, N. D.—The Farmers Eltr. Co. has elected F. G. Enger, pres., John O. Jensen, vice-pres. and A. A. Lee, sec'y-treas. and mgr. The company handled 55,000 bu. of grain, and 15,000 bu. of feed, and 13 carloads of coal, during the past year, and made a net profit of 21% on the capital stock. A dividend of 15% was declared, and the balance was put into surplus. E. O. Cole was rehired as buyer at an increased salary. Extensive improvements have been made in the plant consisting of a coal shed, coal scale, a dump scale in the driveway, eltr. leg with a 12-in. belt and 11-in. cups and a double drive rope, costing in all \$1,600.—A. A. Lee.

Hatton, N. D.—During the past year the Hatton Farmers Eltr. Co. including its house here and at Portland Junction, N. D., handled 360,000 bus. of grain, 41 carloads of feed and 2,200 tons of coal on which a net profit of 64½% was made on the capital stock. A dividend of 40% was declared and the balance put into the surplus, making the company's surplus \$16,498.91. Geo. Rudolf was rehired as buyer for the Portland Junction house and I was rehired as mgr. for both houses and as buyer in the Hatton Eltr. We both received a substantial increase in salary.



Double legs and double rope drive are being installed at Portland Junction, also new manlift and some minor repairs. The eltr. here was recently equipped with a cleaner.—A. A. Lee.

## OHIO.

Risingsun, O.—Overmyer Bros. will erect an eltr. here.

LaRue, O.—Boyd & Clark are the successors of Otis Boyd.

Elkton, O.—Geo. Cannon will have charge of the eltr. of Willard & Binsley.

Sherwood, O.—I have sold my eltr. here to the Maumee Valley Grain Co.—Fred Kalmbach.

West Unity, O.—H. C. Dachsteiner has sold his grain and coal business to F. P. Hipker, of Edon, O.

Fairport, O.—Rosenbaum Bros., of Chicago, have leased the 1,000,000 bu.-eltr. from the B. & O. railroad.

Delpbos, O.—I will remodel my eltr. about Sept. 20 and install new machinery throughout.—L. C. Allinger.

Ashville, O.—John H. Sark has bot an interest in the firm of Teegarden & Taylor. The firm will hereafter be known as Sark & Taylor.

Octa, O.—E. A. Allen has purchased the eltr. of the Octa Grain Co., and will build a \$12,000 new plant, including an \$1,800 kiln-drier.—Geo. B. Earley, Galloway, O.

St. Marys, O.—A trap door in the eltr. of the Lock Two Grain & Mfg. Co., which is often used as a quick way of delivering corn, gave way recently under the weight of a wagon and allowed the horses to fall thru. They were not seriously injured.

On Aug. 24, 25 and 26 the B. & O. Southwestern R. R. is running a Seed Special over its lines under the direction of the Ohio College of Agriculture and the Ohio Experiment Station. Starting at Columbus, stops were made at intermediate points, the train reaching Wilmington for the night; on the 25th, from Wilmington to Hillsboro; on the 26th, from Hillsboro to Chillicothe.

Lima, O.—Grain dealers of northwestern Ohio have arranged to hold a corn crop conference on Aug. 25 at Lima. Morning and afternoon sessions will be held, and a dinner at 12 o'clock. The principal subjects up for discussion are: "Why Elevators Should Be Equipped to Handle Ear Corn," "Hay and Its Relation to Grain," "What Constitutes a Proper Working Margin," "The Reciprocal Relation Between Shipper and Receiver," and "Why Should Grain Be Bought by the Hundred Weight?"—Thos. P. Riddle, sec'y.

New Carlisle, O.—The fire which occurred in my eltr. on July 26 was started in the elevator leg, about half way to the top, caused by the belt rubbing against a nail or other hard substance. My men started the gasoline engine which we have for pumping water, and turned the water into the elevator buckets. The fire was on the down side of the leg, so the water was carried to the top and dumped on the fire. The loss is about \$1,500, it being necessary to install new eltr. legs and replace a part of the roof.—S. A. Muff.

## TOLEDO LETTER.

A car of oats containing 3,036 bus. was recently received by the Paddock-Hodge Co.

Geo. D. Woodman, representing Rosenbaum Bros., has been admitted to the produce Exchange.

An additional storage tank with a capacity of 150,000 bus. may be erected by the East Side Iron Eltr. Co.

The Northwestern Eltr. & Mill Co. is adding 60,000 bus. storage room by the erection of concrete tanks, giving them a total capacity of 260,000 bus.

C. E. Metzler, of the American Cattle & Poultry Food Co., of Binghamton, N. Y., has purchased the West Side Iron Eltr. from the First National Bank.

Negotiations are being carried on for the sale of the Produce Exchange building to the Fifty Associates Co., an organization which is investing heavily in downtown real estate. The value set upon the property is \$300,000.

The Guy G. Major Linseed Co. has bot the plant of the Toledo Salvage Co. and will improve it. The eltr., which has a capacity of 200,000 bus., will probably be used for the storage of grain and flax.

Rumors are afloat of the organization of a company composed of members of the Produce Exchange for the erection of steel storage tanks at the present elevators. This interest is revived by the congested condition which has become very acute this season. On account of the low storage rates and the comparatively short season when the rush is on, local capital is reluctant in taking action.

Toledo receipts during July were 2,690,000 bus. of wheat, 200,000 of corn, 257,000 of oats, and 3,000 bus. of rye; compared with 359,000 bus. of wheat, 232,650 of corn, 233,500 of oats and 7,500 of rye in July, 1910. Shipments were 584,500 bus. of wheat, 151,300 of corn; 281,700 of oats and 1,100 of rye; compared with 56,100 of wheat, 70,800 of corn, 206,000 of oats and 4,800 of rye in July, 1910.—A. Gassaway, sec'y Produce Exchange.

## CINCINNATI LETTER.

Dan Kahler has been given charge of the hay and grain department of the Trent Mfg. Co.

During the absence of B. W. Wasson, on a vacation, his daughter has had charge of the business and has been granted the privileges of the trading floor.

The following officers were elected at a recent meeting of the Cincinnati Grain Dealers Credit Ass'n: Andrew W. Braun, pres.; B. H. Wess, vice-pres.; Wm. H. Kramer, sec'y; Geo. Kellar, treas. Directors: Joseph Heuerman, John Dorsel, Geo. Kellar, B. W. Brossene, A. W. Braun, Anthony Heile, G. H. Fedders, W. H. Kramer, Lee Early, B. H. West, Chas. Van Leunen, August Ferger and P. M. Gale.

## OKLAHOMA.

Oklahoma City, Okla.—P. J. Mullin is now connected with the E. R. & D. C. Kolp Grain Co.

Tulsa, Okla.—The eltr. of the Binding-Stevens Grain Co. burned Aug. 13. The eltr. was partially filled with oats and feed. Total loss, \$16,000.

Nowata, Okla.—The Rea-Patterson Grain Co., of Coffeyville, Kan., is building an eltr. here, to be equipped with all modern machinery. The P. H. Pelky Construction Co. has the contract.

Medford, Okla.—Suit has been brot against the Rock Island railroad for \$450,000 damages as a result of a fire alleged to have been caused by one of the railroad company's locomotives. The plant of the Medford Mill & Eltr. Co. was destroyed and many other buildings.

Guthrie, Okla.—Railways of Oklahoma are considering the proposition of furnishing free seed wheat to farmers. Last year the Santa Fe allowed the farmers to give notes to the company and pay for the seed after the crop was harvested. The Prosecuting Attorney of Texas County decided that it was illegal to bond the county for \$20,000 to provide seed wheat for farmers. It is the general opinion that the railroads will come to the farmers' aid.

Oklahoma City, Okla.—At a recent meeting of delegates from the various counties of Oklahoma, held in this city, plans were formulated for the construction of a highway forming a link of the great system of highways connecting the north and south central states. Counties and townships along the route will help build the road, and convict labor will be used. An executive comite was appointed, composed of one delegate from each county.

## OREGON.

The Dalles, Ore.—The Wasco Whse. & Mfg. Co. will erect 6 reinforced concrete tanks with a combined storage capacity of 150,000 bus., replacing the plant recently burned.

Portland, Ore.—The rapidly advancing price of barley is creating much interest. Eastern brewers have bot great quantities, No. 1 brewing barley recently selling at points in the country for nearly \$31 per ton.

## PENNSYLVANIA.

Sanatoga, Pa.—W. H. Moser has bot the feed business of Montgomery Christman.—Geo. C. Morgan.

Pittsburgh, Pa.—The bulletining of cars has been resumed by the B. & O. railroad, which has found that the danger of trouble liable to arise from this slight violation of the rules of the Interstate Commerce Commission is small and that the inconvenience arising from inability to bulletin the cars is great, not only to shippers and receivers but to itself.

## PHILADELPHIA LETTER.

Demand is very fair and everybody is buying as he needs, but not stocking up in advance.—S. F. Scattergood.

The August export shipments of wheat, with the bookings for foreign ports; already foot up over a million bushels.

John O. Foering has received congratulations from so many friends upon his resuming the position of chief grain inspector that he has had to reply by a card instead of writing his acknowledgments.

Chairman Sans of the reorganized grain committee has in contemplation the overhauling of the present corn grade rules to meet the classification of dried stock that is found necessary at times to provide for under Commercial Exchange inspection requirements.

On and after Sept. 16 the charges for outward inspection of grain from this port by the inspection department of the Commercial Exchange is to be uniformly 30 cents per 1,000 bushels, an advance of 10 cents, this being the same rate demanded on all manner of inward inspections.

Within a few days the Liverpool Corn Trades Ass'n will lift its embargo on grain certificates from this city, as the most stringent methods in the inspection department have gone into effect and every possible protection in the examination of outward bound shipments is to be the future rule. The scientific moisture tests are to be observed in all cases of moisture hereafter on corn shipments.

After studying the latest ideas in grain eltrs. by special agents who have visited Boston, Montreal and other cities, the Pennsylvania Railroad Co. intends erecting a mammoth grain elevator at Girard Point. It is to be modernly equipped with all the latest appliances for drying grain, and plans will now be made, as the company owns most of the river frontage in that vicinity. This important improvement, of great interest to the grain trade, is in keeping with other desirable changes to be made along the Delaware.

## SOUTH DAKOTA.

Lantry, S. D.—The eltr. of Dresse Bros. has burned.

Woonsocket, S. D.—A. J. Iwan has purchased an eltr. here.

Chester, S. D.—The Farmers Eltr. Co. is building an addition to its eltr.

Hecla, S. D.—The Farmers Eltr. Co. has bot the eltr. of the Eagle Roller Mills Co.

Sinai, S. D.—Henry Larson is said to have bot the eltr. of Abraham & Schultz.

Webster, S. D.—Frank Wendt is now agent for the Miller Eltr. Co.—Emil Huwe.

Mitchell, S. D.—The Corn Palace at this city will be open from Sept. 25 to 30 inclusive.

Presho, S. D.—H. A. Dixon has bot the eltr. of the Lyman County Farmers Eltr. Co.—F.



Alexandria, S. D.—I am now engaged as manager of the Farmers Eltr. Co.—J. F. Pinches.

Sturgis, S. D.—The eltr. of the Red River Mfg. Co. was burned; the fire was caused by lightning.

Colome, S. D.—Von Seggern Bros. and Nye-Schneider-Fowler Co. will erect eltrs. at this point.

Hetland, S. D.—The eltrs. of the Atlas Eltr. Co., Bingham Bros. and the Western Eltr. Co. are closed.

Platte, S. D.—Perkins & O'Connor have dissolved partnership. I will operate the eltr.—F. M. O'Connor.

Winner, S. D.—The Nye-Schneider-Fowler Co. will erect a 20,000-bu. eltr. and coal and lumber sheds.

Winfred, S. D.—The Winfred Grain Co. has purchased the eltr. of Mrs. E. Lyman.—C. E. Rice, agt. E. Lyman.

Candell, S. D.—We have bot the eltr. of A. Lewis, and have engaged G. W. Bitzer as agent.—Engel & Schuermeyer.

Rauville, S. D.—The Cargill Eltr. Co. will not open its house this season.—Arthur Miller, agt. Northwestern Eltr. Co.

Alcester, S. D.—The eltrs. of the Reedy Grain Co. and Nutter & Ryan were burned. Nutter & Ryan will rebuild at once.

Louisburg, S. D.—Ed. Lindquist has left La Bolt, S. D., and will have charge of the eltr. here for the Northwestern Eltr. Co.

New Rockford, S. D.—The eltr. of Ely, Salyards & Co. will be rebuilt as soon as the Gt. Northern starts work on its cut-off.

Sherman, S. D.—I am the present manager of the Farmers Eltr. Co. The Thorpe Eltr. Co. has not opened its eltr.—P. Vanderberg.

Highmore, S. D.—G. M. Hague is now engaged as agent of G. W. Van Dusen & Co., in place of Edw. Davis.—Roscoe Lowe, agt. Atlas Eltr. Co.

Northville, S. D.—The eltrs. of the Atlas Eltr. Co. and the Cargill Eltr. Co. will not open this season.—Geo. A. Hind, agt. Eagle Roller Mill Co.

Milbank, S. D.—The eltrs. of the Reliance Eltr. Co. and McIntyre & Frerich Co. have been closed for the coming year.—H. A. Riley, agt. Empire Eltr. Co.

Lily, S. D.—Jones & Brown now operate the eltr. formerly operated by the Jones Bros. Grain Co., and the Farmers Merc. & Eltr. Co. has bot my eltr.—Ross E. Parks.

Watertown, S. D.—The Minneapolis & St. Louis Ry. Co. has notified eltr. companies to move their houses in order to make room for the erection of the new union depot.

Wagner, S. D.—The report of the closing of the M. Wollman eltr. is incorrect; it is still under the management of A. J. Swartz as heretofore.—A. J. Swartz, agt. M. Wollman.

Waubay, S. D.—The eltrs. of Larkin & Metcalf and the Waubay Farmers Eltr. Co. are closed, the closing of the latter caused by bankruptcy.—Farmers Grain & Fuel Co.

Andover, S. D.—Boyd & Johnston have just completed their eltr. The house has a capacity of 22,000 bus. and is fire proof, of brick construction. Work done by Honstain Bros.

Estelline, S. D.—The Horswill Grain Co., recently formed, will operate the eltr. of the Ostrout Eltr. Co., and will conduct a general grain, coal, flour and seed business.—C. R. Horswill.

Dell Rapids, S. D.—Lightning set fire to the eltr. of the Cargill Eltr. Co., the night of Aug. 6, causing a loss of \$1,000. The building has not been in operation for the past year, so contained no grain.

Aberdeen, S. D.—Green worms will no doubt replace the hoe as a weed destroyer. It has been reported by farmers near Aberdeen that a green worm about 1¼ inches long and having five pairs of legs is attacking thistles and other weeds, but as yet has not molested any of the cultivated plants.

Tyndall, S. D.—A Farmers Eltr. Co. has been organized and incorporated by some of the farmers tributary to Tyndall, and has purchased the eltr. of Chas. Felton. C. E. Bixby has been elected sec'y.

Montrose, S. D.—E. R. Landers, agent for the Hubbard & Palmer Co., has announced that the eltr. will be closed for a year. P. J. Kjelmyr has sold his interest in his eltr. to his partner, A. H. Betts.

Willmot, S. D.—The Independent Eltr. Co. is at present in the hands of the receiver. John Rhenk is the present agent for the Miller Eltr. Co., and I am now agent for the Empire Eltr. Co.—L. B. Walk.

Dempster, S. D.—The Dempster Co-op. Eltr. Co. is building a 30,000-bu. eltr. and installing a 10-h.p. gas engine, hopper and wagon scales, 11x16 eltr., legs and steel boot tanks. The house will have concrete foundations, and be iron clad.

Colman, S. D.—Fire originating in the eltr. of the Denhart Grain Co. also caused the burning of the eltr. of the Cargill Eltr. Co., Aug. 13. The former has not been in operation, and both houses were empty.—B. E. Nace, mgr. Colman Eltr. Co.

Centerville, S. D.—John Helgeland, employed in the eltr. of the Reedy Grain Co., was perhaps fatally crushed recently when a bin containing 2,000 bus. of corn gave way as he was passing along the alley way underneath and buried him. Helgeland is 21 yrs. old.

Milbank, S. D.—A piston rod of a gasoline engine in the eltr. of the Rickert Eltr. Co. was driven thru the floor of the office, nearly hitting Carl Maynard, the manager. Little damage was done except that of the engine, and the company has installed an electric motor to replace the engine.

Andover, S. D.—An alleged shortage of \$21,000 has been discovered in the accounts of O. G. Newcomb, manager of the Farmers Eltr. Co. The loss is supposed to be due from slack and careless business methods rather than to intentional wrong doing. The institution was apparently prosperous, paying 20% for a number of years. A settlement has been arranged between the stockholders of the company and its creditors, the latter agreeing to take 50 cents on the dollar and the remainder in stock in the eltr., to be paid out of the earnings of the company, and that no dividends be paid until all indebtedness has been cleared. An examination of the books showed a debt of \$40,000 with assets of \$20,000; \$15,000 of the debt is due a bank, the remainder is for stored grain certificates for 34,000 bus. of grain, while there is but 7,000 bus. on hand.

## SOUTHEAST.

Clarksburg, W. Va.—Omer E. Hall has opened a grocery and feed store.

Norfolk, Va.—D. P. Reid & Bros. incorporated, to do a hay and grain business; capital, \$75,000; J. O. Reid, pres.; R. J. Gourley, treas.; L. J. Smithwick, secy.

Richmond, Va.—The Saginaw Milling Co. of Saginaw, Mich., has purchased a location in this vicinity and contemplates operating a branch house.—Adams Grain & Prov. Co.

Richmond, Va.—We have leased the 100,000-bu. eltr. of the C. & O. R. R., which will be operated to supply our various branches in the South, as well as public storage.—Adams Grain & Prov. Co.

Roanoke, Va.—We have just about completed our new 4-story brick eltr. It will have a capacity of 1,800 bus. per hour, and will be one of the most up-to-date eltrs. in this part of the country.—Huff & Cook.

## TENNESSEE.

Shelbyville, Tenn.—The Riverside Mill is erecting a wheat storage warehouse.

Memphis, Tenn.—E. W. Wyatt has just returned from French Lick, Ind., much improved in health, "full of ginger" and ready for active service.

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## NASHVILLE LETTER.

The Dept. of Agriculture has made arrangements for an agricultural train to make a tour of the state, beginning Oct. 9.

The Nashville Grain Exchange and Nashville roads are preparing a petition appealing from the recent decision of the Interstate Commerce Commission and asking the Commerce court to enjoin the order of the commission until the case can be heard upon its merits.

W. S. Mitchell, an employe of the Arcade Mfg. Co., was seriously injured recently when the walls of the building collapsed because of the heavy load of grain and hay stored in the upper stories by McKay & Reece. He has brot suit against the owners of the building and McKay & Reece for \$10,000 damages.

Congressman Sells has made arrangements for the establishment of an experimental farm in each of the twelve counties of his district. A representative of the United States Agricultural Dept. will be sent to each county for the purpose of instructing the farmers and to assist in the establishment of the experimental stations.

## TEXAS.

Brownsville, Tex.—M. Bestierio is erecting an eltr. B. J. Carrico has the contract.

Newark, Tex.—The Rhome Mfg. Co. is erecting an eltr. B. J. Carrico has the contract.

El Campo, Tex.—The Wharton County Whse Co. will erect a reinforced concrete eltr. here.

Dallas, Tex.—Robert Nicholson has been admitted to membership in the Texas Grain Dealers Ass'n.

Panhandle, Tex.—L. L. Sellers has engaged in the grain business and has joined the Texas Grain Dealers Ass'n.

Van Alstyne, Tex.—The plant of the Grayson Mill & Eltr. Co. burned recently with a loss of \$15,000; insurance, \$10,000.

Ft. Worth, Tex.—The Julian A. Ivy Grain Co. has dissolved and I am now employed by Chas. R. Champion.—Julian A. Ivy.

Ft. Worth, Tex.—Irwin A. Mabry, representing the A. B. Crouch Grain Co. here, has applied for membership in the Grain and Cotton Exchange.

Chillicothe, Tex.—S. M. Bird and D. B. Darby, formerly mgr. and bookkeeper respectively for the Texas-Oklahoma Grain Co. at Vernon, Tex., have engaged in the grain business.

Claude, Tex.—Nelson & Palm have bot an eltr. here and have joined the Texas Grain Dealers Ass'n. A. V. Nelson was formerly very prominent in the Nebraska Grain Dealers Ass'n.

San Antonio, Tex.—Great progress has been made recently in the successful cultivation of broomcorn in the state and especially in the southwestern part, where irrigation permits the easy control of moisture so as not to force the plant at the time the brush is forming. It is expected that this can be made a commercial product of great value to the state.

## UTAH.

Murray, Utah.—Farmers in this section are planning to build a large eltr.

## WASHINGTON.

Lamont, Wash.—The Northern Grain Co. is completing its warehouse.

Oldtown, Wash.—The Eastern Grain Co. will erect a 2-story warehouse.

Waterville, Wash.—The Columbia Grain Co. is erecting a warehouse 50x100 ft.

Ringold, Wash.—Watson & Co. are erecting a large warehouse. Walter Elfring will be mgr.

Spokane, Wash.—The Western Grain Co., incorporated; capital, \$25,000; incorporators: A. E. Tessner, Sig Wolff and Jesse Wolff.

Odessa, Wash.—The Odessa Union Whse. Co. will open houses at Schoonover, Lauer and Batum on the C. M. & P. S. and at Nemo, on the Gt. Northern.

Seattle, Wash.—The grain committee of the Merchants Exchange has passed a resolution increasing the differential between sacked and bulk wheat over that which prevailed last year. This was done because of the exceptionally high price of grain bags. The grain committee also adopted this resolution: "That in buying for prompt shipment the period elapsing between the date of contract and date of shipment be understood not to exceed fifteen days and that when a sale is made for prompt delivery, the time elapsing between the date of contract and date of delivery shall be not to exceed thirty days."

## WISCONSIN.

Shawano, Wis.—Chas. Stier will erect an eltr. here.

Stevens Point, Wis.—H. H. Pagel will build a 12,000-bu. eltr. here.

Somerset, Wis.—The eltr. of O. W. Mosher has been completed.

Colfax, Wis.—I have built an addition to my eltr., 24x30 ft.—J. A. Freestone.

Rockton, Wis.—Moore & Gayton have leased the eltr. of the Phelps Eltr. Co.

Salem, Wis.—W. M. Curtiss is a scoop-shovel dealer here.—C. B. Gaines Sons Co.

Seymour, Wis.—I am now engaged as agent of the Cargill Eltr. Co.—N. J. Marx.

Whitewater, Wis.—Dadmun Bros. have installed a Monarch Attrition Mill in their eltr.

Lake Mills, Wis.—Crump & Mills now operate the eltr. formerly of Hubbs & Mills.

Durand, Wis.—We will install a No. 39 Clipper Cleaner in our eltr.—Pfeiffer Lumbar Co.

Amherst, Wis.—A Mr. Calkins is a scoop-shovel at Amherst Jct.—The Jackson Milling Co.

Jackson, Wis.—We expect to install a gasoline engine in our eltr.—Wm. H. Froelich Co.

Grand Rapids, Wis.—T. L. Clarks Co. has bot the eltr. owned by us.—E. M. Cooper & Co.

Maribel, Wis.—The eltr. of the Farmers Eltr. Co. has just been completed.—J. C. Faral, Denmark.

Wild Rose, Wis.—L. Starks, who deals in potatoes, is scoop-shoveling here.—Agt. Melcher Lbr. Co.

Rush Lake, Wis.—The Farmers Grain & Supply Co. are scoop-shovelers.—Rush Lake Produce Co.

West Bend, Wis.—We have succeeded the West Bend Brewing Co.—The West Bend Malting Co.

Hustler, Wis.—I am building an eltr. of cement brick to replace the one destroyed by fire May 17.—W. F. Talz.

Caledonia, Wis.—Jacob Searing is doing a scoop-shoveling business two miles west of this station.—Jas. Callen, Jr.

Blair, Wis.—The Blair Farmers Exchange is now operating the grain business of H. Thorsgaard.—B. M. Morn.

Prescott, Wis.—The eltr. of the Equity Exchange of Prescott is being repaired. T. E. Ibberson is doing the work.

Superior, Wis.—An eltr. is to be erected on Connors Point by the Soo Road as soon as the reciprocity measure is passed.

Bear Creek, Wis.—The P. D. Murphy Gr. & Merc. Co. has gone out of business.—Jos. Rosera, agt. The Cargill Eltr. Co.

Janesville, Wis.—We conduct the business for the Milwaukee Eltr. Co., but retain our firm name.—F. H. Green & Son.

Sullivan, Wis.—Rungard & Leon have installed a complete feed mill in their whse., including a Monarch Attrition Mill.

Oconto Falls, Wis.—I have installed a new feed mill in my eltr. The H. E. McEachron Co. has discontinued.—Frank Trudell.

Reedsburg, Wis.—J. H. Claridge has sold his feed business and gone into the potato business. He will not handle grain.—Harris & Hosler.

Jefferson, Wis.—Prust & Buelow have overhauled their eltr. and will install a Monarch Ball Bearing Attrition Mill and Corn Crusher.

Woodland, Wis.—The Milwaukee Eltr. Co. is building lumber and coal sheds adjoining its eltr. The Burrell Eng. Co. is doing the work.

Chetek, Wis.—Fire destroyed the eltr., whse., and mill of the Northern Flour & Grain Co. The plant was owned by Kem Roshlet of Eau Claire.

Manitowoc, Wis.—The Northwestern Eltr. Co. has increased its capital stock from \$25,000 to \$100,000 and the number of its directors from four to five.

Marshfield, Wis.—We are erecting a large flour whse. in addition to the old ones, and are installing an automatic sacking scale and new eltr. belting.—The Sparr Cereal Co.

Fort Atkinson, Wis.—Roy Klement, S. A. Merriman, D. C. Converse and McIntyre Bros. have shipped in grain here, and might be classed as scoop-shovelers.—Wilcox Lbr. Co.

Rib Lake, Wis.—We have not operated any eltrs. here, as the chief industry was lumber, and we had to ship grain in, but the land is being rapidly turned over to farming.—Jos. Brehm.

Luxembourg, Wis.—The following were recently elected officers of the Luxembourg Grain Co.: Michael Arendt, pres.; Robert Zeitler, vice-pres.; John Tameree, treas., and Hector Boncher, sec'y and mgr. Chas. Hobreck was appointed buyer for the ensuing year.

Humbird, Wis.—B. J. Stall & Co., in connection with the Albert Mfg. Co., are now handling the grain business formerly conducted by the North Star Lbr. Co., the latter having bot the business of the Wilson & Weber Lbr. Co.—C. D. Fowler, agt. North Star Lbr. Co.

Monroe, Wis.—We have increased the capacity of our eltr., and are now able to handle about 15 cars at one time. We are not large shippers, as most of the grain raised is consumed, and we have to ship in, tho we are the only firm shipping any at all.—H. C. Dahms, mgr. Monroe Model Mill.

Racine, Wis.—The Horlicks Malted Milk Co. has let the contract for the building of a modern fireproof concrete eltr. of 100,000 bu. capacity to the Macdonald Engineering Co. The machinery provides for the unloading of barley or malt from cars or wagons, and weighed, cleaned, graded and stored separately. It is proposed to have the plant ready Nov. 1.

Wautoma, Wis.—L. Starke Co., which has been giving its attention to potatoes for some time at this station, is now handling grain, and no doubt the grain dealers will be compelled to go into the potato business, in order to break even. Commission merchants who solicit consignments from such interlopers are not in good position to get the business of the regular established grain dealers.

## MILWAUKEE LETTER.

Milwaukee, Wis.—Herbert S. Jewell and Samuel Hazelhurst have been elected to membership in the Chamber of Commerce.

Milwaukee, Wis.—The Armour Grain Co. of Chicago has leased Eltr. "E," which has a capacity of 1,000,000 bus. It has not been operated for more than a year.

St. Paul Eltr. "A" was, by vote of the Chamber of Commerce on Aug. 19, 1911, continued as a regular eltr., under the rules of the Chamber for the year beginning Aug. 1, 1911.—H. A. Plumb, sec'y Chamber of Commerce.

The plant operated some years ago by the Milwaukee Malt & Grain Co. and later a branch of the American Malting Co., having been purchased by the Union Storage Co. is being torn down to make room for a large storage warehouse.



The directors of the Chamber of Commerce on Aug. 15 adopted resolutions endorsing the work of the Weather Bureau, and of the present management of the Bureau. This was done in view of the fact that an investigation has been begun by the House Committee of Expenditures of the Department of Agriculture into the work of the Bureau and the cost of maintenance.

Pres. Bishop of the Chamber of Commerce has named Messrs. P. P. Donahue and Jas. A. Mander as delegates to confer with delegates from other grain exchanges on inter-market agreements. This matter was brought up at the June meeting of the Council of Exchanges in Milwaukee, and it was decided that steps should be taken to secure greater uniformity in the trade rules of the various markets.

The Chamber of Commerce has just installed a 15 ton 8x14 platform scale at the Commerce Street yards of the C. M. & St. P. Ry. This scale is of special construction and has the very latest and most approved features known in the manufacturing of scales. It has a full capacity beam which requires no weights, the entire capacity of the scale being shown on the beam. The scale rests on a solid concrete foundation in a heavy and strong steel frame securely anchored on both sides so that there is no chance of the frame warping or platform striking it. Instead of two levers, a special movable lever was made, using less knife edges and making the scale more sensitive. The only wood used in construction is in the top platform, which is used to prevent the slipping of horses' feet. A special feature of the frame is an angle iron running down 2½ inches between the platform and the frame, which prevents horses' hoofs from being caught, which very often happens with the old style of construction.

## HYDROCYANIC ACID

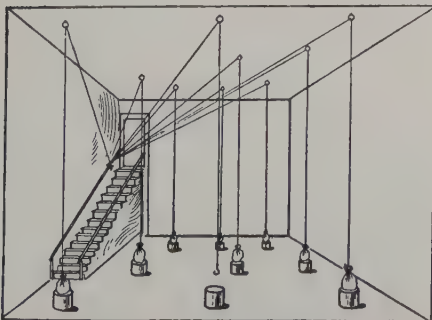
### Fumigation.

For the extermination of grain elevator and mill insects hydrocyanic acid gas is particularly suited on account of its gaseous nature and non-inflammability. The quality that makes it valuable for this purpose is the same as that which makes it dangerous, its extremely poisonous character.

Hydrocyanic acid gas is quick in its action. Taken into the lungs of an animal or into the thorax of an insect, the gas, if but little diluted with air, is instantly fatal. A person rendered unconscious by inhaling the dilute gas may recover if placed immediately in the fresh air.

The gas is generated by splitting up cyanide of potassium into its two components, the metal potassium and the gas cyanogen. The splitting is effected by dropping the lump of cyanide of potassium into dilute sulfuric acid; when the acid combines with the metal to form potassium sulfate, and one atom of hydrogen combines with the molecule of cyanogen to form hydrocyanic acid gas (HCN).

The proportions to use are five ounces



Cyanide in Bags over Crocks.

by weight of cyanide of potassium, 8 ounces liquid measure of sulfuric acid and 12 ounces liquid measure of water. The gas from one-fourth of a gramme of cyanide will poison one cubic foot of air to kill all grain infesting insects. Thus a room 20x30x10 ft. contains 6,000 cubic ft. of air space. To estimate the amount of cyanide required multiply 6,000 by 0.25=1,500 grammes. As there are 28.35 grammes in an ounce divide 1,500 by 28.35=53 ounces, the amount of cyanide of potassium needed. This 53 ounces of cyanide will require 80 ounces of acid and 120 ounces of water. The cost of chemicals will be about \$1.25.

For a large room the arrangement would be as shown in the engraving herewith, showing bag containing each three pounds of cyanide suspended by cords from the ceiling, gathered to a point near the door where the operator releases the bags and makes his escape. The bags of cyanide are let down into crocks containing the acid and water. The acid is first poured into the jar and then the water. For each 3-lb. bag of cyanide use 4½ lbs. acid and 6¾ lbs. water. In a building of several stories the top floor bags should be first released and then in succession those on the lower floors.

The building should remain closed at least 5 hours. It should be aired thoroughly for half an hour before any one is permitted to enter. If there is the slightest peach pit odor the room should not be entered.

Recent experiments by M. M. High, an agent of the U. S. Dept. of Agriculture Bureau of Entomology, have accounted for the varying results obtained in fumigating with hydrocyanic acid gas. His experiments were made with sacked rice. Using 15 ounces of cyanide to 1,000 cu. ft. a 24 hours' exposure killed 50 per cent of the insects at a depth of 4 inches in the sack. By 48 hours' exposure 95 per cent of the insects were killed. By using 20 ounces of cyanide to 1,000 cu. ft. all but a few in middle of sacks were killed in 24 hours. In 48 hours all insects were killed. In cool weather the insects are inactive and do not succumb to the poison as quickly as in warm temperatures. This is even more true in fumigating with bisulfid of carbon, as shown by experiments Dec. 31, 1910, at Washington, D. C., with 3 lbs. of bisulfid of carbon to 1,000 cu. ft., when nearly all the insects were alive after 24 hours exposure in a tight fumigating box, the average temperature being 42 degrees F.

A grain eltr. is to be built at San Jose, Costa Rica.

Agricultural extension by joint appropriations of the National and state governments is planned by C. S. Page, who has introduced Senate Bill No. 3, providing for a secondary agricultural school and a branch experiment station to each 5 or 15 counties in a state. While any movement toward agricultural education is worthy of praise, yet it will always remain true that the great mass of the farmers will be no more able to attend these branch colleges than those already maintained in each state. Before embarking in this scheme of education at a cost of millions, it would be wiser to expend a fraction of this sum to place a competent instructor in each county to visit the farmers at their homes and demonstrate on their own soils as planned by the new Soil Fertility League.

Buy a  
**SONANDER**  
Automatic Scale  
and you won't have to guess  
**THE WINTERS-COLEMAN SCALE CO.**  
SPRINGFIELD, OHIO

## Kennedy Car Liners

—ARE—

the surest protection obtainable against leakages in transit.

They range in price from 50 cents to \$1.50 per car.

For full particulars write to

**Fred W. Kennedy, Shelbyville, Ind.**



## The National City Bank of Chicago

105 South Dearborn Street

Capital \$2,000,000 Deposits \$29,259,966.56.  
Surplus and Undivided Profits \$500,000

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## Direct Reduction Tables for Corn and Oats

Reduce any weight of corn from 100 to 5090 pounds, by ten-pound breaks, direct to bushels of 56 lbs.; 56, with one pound dockage for dirt; 68, 70, 72, 75 and 80 lbs. The 56-lb table may also be used for reducing rye and flaxseed to bushels. Oats are reduced to bushels of 32, 33 and 35 pounds.

Ten tables printed from large type on card board, size 10½x11½ inches, and the equivalent in bushels of each weight is shown beside it, so it is impossible to get the wrong reduction. **Price, 50 Cents.**

**Grain Dealers Journal**

315 S. La Salle Street CHICAGO, ILL.



## Supply Trade

To stop your "ad" we would remark,  
Is just like winking in the dark—  
You may know what you mean, but gee,  
Nobody else can ever see,  
So do not for a moment think,  
That when you cut out printer's ink  
You're saving money on the side;  
'Tis merely business suicide!

Minneapolis, Minn.:—Robt. Craig has recently been made general mgr. of the Power Equipment Co.

Muncy, Pa.:—Sprout, Waldron & Co. have opened a Chicago office at 402 Monadnock Bldg., with Geo. J. Noth in charge.

New York, N. Y.:—"Business has been exceptionally good of late. Much better than this time last year."—H. E. Godfrey of Richardson Scale Co.

Moline, Ill.:—Barnard & Leas Mfg. Co. recently received from the Corno Mills Co. of Cedar Rapids, Ia., an order for a number of special machines for its cereal mill.

Chicago, Ill.:—J. E. Todd, well known thru his connection with Jas. Stewart & Co., grain elevator contractors, has been made general supt. of the Stephens Eng. Co.

Chicago, Ill.:—The Chicago Scale Co. is equipping new and handsome downtown offices at 1919 Peoples Gas Bldg. It is also moving its factory to a new location at 1641 Carroll Ave.

Chicago, Ill.:—The main office and the works of the Webster Mfg. Co. are being moved to Tiffin, O., the Chicago branch still being maintained at the present address, 2410 W. 15th St.

The Ellis Grain Drier Co. has the contract of the Quaker Oats Co. for a 750 bus. per hour Ellis Drier for its Akron, O., plant and for a 750 bus. per hour plant to go in the Purina Mills, St. Louis.

Chambersburg, Pa.:—The Wolf Co. has issued a new 120-page catalog, with excellent illustrations and descriptive matter of its extensive line of elevator and mill machinery. It will gladly send copy to readers of the Journal.

Penn Yan, N. Y.:—Edward R. Taylor is replacing the old water wheels of the Dresden Flour Mills with new direct dynamo connection. By wiring to his works at Cascade Mills, he will secure additional power for the production of "Fuma," the reliable fumigator for elevators and mills.

The spirit of progress in the grain trade is in no way better evidenced than by the widening interest displayed in the making of moisture tests of grain. The very complete booklet issued by The Kny-Scheerer Co., New York City, describing The Brown & Duvel Moisture Tester, is an excellent explanation of rapid and exact determination of moisture in grain. Readers of the Journal can obtain a copy upon application to the company.

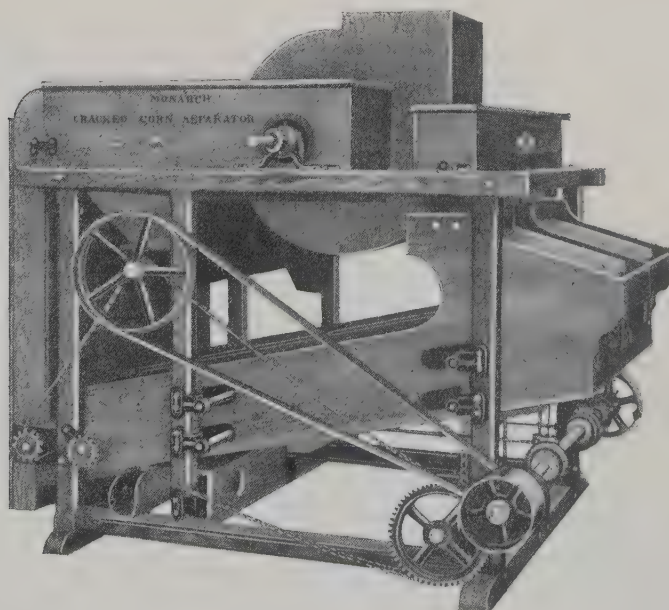
### A CRACKED CORN Separator.

Well informed poultry raisers demand a cracked corn absolutely free from hulls and meal, having been educated by experiment station literature to keep cracked corn free from by-products, the Department of Agriculture stating that the different grades when thoroughly cleaned must be carefully separated from one another.

Cracked corn is a staple feed and any elevator operator with enterprise can do a big business with poultry raisers once he lets them see what wonderfully clean and uniform cracked corn he can give them with the new Monarch Cracked Corn Separator and Grader, which is illustrated in the engraving herewith.

The grain entering the head of the machine is distributed by a positive feed the full width of the sieves, which scalp off the coarsest product. This allows the remainder of the product to drop on sieves of fine proportion where the flour products are removed. The remainder of the second and third product is then discharged into an air leg and given a thorough air aspiration; all chaff, skins and dust being removed and delivered to the other side of the machine. At this point the by-products can be mixed either with the fine meal for feed or the two products (the second and third separations) can be kept separate.

The coarse grade of cracked corn is delivered from the machine at the bottom of the air trunk. Thus the machine makes four distinct separations.



The machine is self-balanced, equipped with automatic brush cloth cleaner and constructed of the very best materials. It is made in any capacity from 30 to 90 bus. per hour and is sent on trial to responsible persons. Additional particulars will be given readers of the Grain Dealers Journal on application to the manufacturers, Sprout, Waldron & Co., Muncy, Pa.

### CROP IMPROVEMENT WORK

Crop improvement committees to co-operate with the crop improvement committee of the Council of Grain Exchanges have been appointed by the following grain exchanges:

Chicago Board of Trade: J. C. Murray; Theo. Cunningham; C. B. Pierce.

New York Produce Exchange: L. W. Forbell; Edw. Beatty.

Toledo Produce Exchange: Fred Meyer; H. L. Goemann; E. H. Culver.

Kansas City Board of Trade: C. W. Lonsdale; Geo. A. Aylesworth; Oliver Denton.

Duluth Board of Trade: C. F. MacDonald; W. J. McCabe; T. H. Hagen.

Baltimore Chamber of Commerce: J. Collin Vincent; Jas. F. Clendenin; Paul Frame.

Philadelphia Commercial Exchange: Sam'l L. McKnight; C. Herbert Bell; E. E. Delp.

St. Louis Merchants Exchange: N. L. Moffitt; E. C. Andrews, M. W. Cochrane.

Milwaukee Chamber of Commerce: P. P. Donahue; Carl E. Hansen; W. A. Hot-tensen.

Minneapolis Chamber of Commerce: J. R. Marfield; J. L. McCaul; C. A. Magnuson.

A line of newspaper "alarms" regarding the time to select seed corn is being prepared by J. E. Waggoner of the International Harvester Co., and will be sent on application to the Crop Improvement Committee.

The Crop Improvement Committee is getting up a short circular on winter wheat to be read by farmers.

The fertilizer group of the middle west has employed Professor H. G. Bell of Orono, Me., to be in charge of technical crop improvement work, with headquarters after Sept. 1 at Chicago. The group has subscribed \$16,000 to cover the expense for 3 years.

The Crop Improvement Committee of the Council has taken up the question of grain improvement days at state fairs, the first of these to be held Aug. 31 at the Iowa State Fair, Des Moines.

Sec'y Bert Ball recently addressed the Old Salem Chautauqua at Petersburg, Ill., on Farmers' Day.

### EXPORTS OF BREADSTUFFS.

Exports of breadstuffs during the seven months prior to Aug. 1 included 2,156,262 bus. of barley, 45,573,950 of corn, 1,329,250 of oats, 203 of rye, 12,319,798 bus. of wheat and 5,862,347 bbls. of wheat flour; compared with 1,097,615 bus. of barley, 23,104,537 of corn, 1,292,635 of oats, 17,155 of rye, 9,302,089 bus. of wheat and 3,947,762 bbls. of wheat flour in the corresponding months of the preceding year, as reported by O. P. Austin, chief of the Bureau of Statistics.

A bureau of markets is proposed in the Dept. of Agriculture by Rep. Robert C. Wickliffe of Louisiana, who has introduced a bill for its establishment, with a director in charge at a salary of \$6,000.



### The Cornwall Corn Cleaner.

Corn shippers have so frequently lost the price of a good corn cleaner, by reason of dirt in shipment causing load to heat and spoil, that few corn shippers now think of trying to get along without the best cleaner obtainable. Nothing is so expensive as the shipping of dirt, mixed with corn which is a trifle damp. If shipment is on road several weeks, the fine dirt will settle to the bottom and generally cause a serious loss.

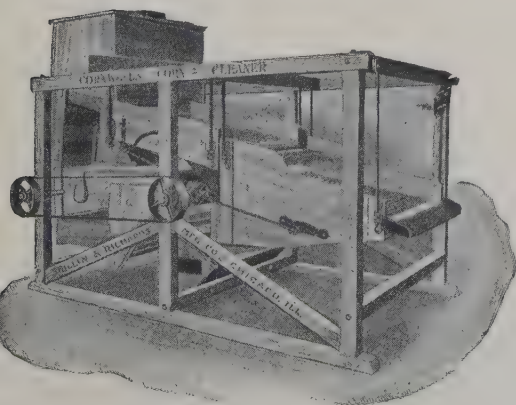
The Cornwall Corn Cleaner is a shaker cleaner, equipped with patent finger sieves of special construction, which will not clog, yet will remove shucks, small cob ends and pieces of broken cobs. The machine, while essentially a corn cleaner, is also adapted for first cleaning of small grain, by changing of sieves. If it is desired to use the machine as a receiving separator, for all kinds of grain, the sieves for small grain can be obtained, and placed on the shaker, without removing the corn sieves. The cleaner is said to be dustless, light running, durable, and can be constructed so as to take a cockle or sand sieve, for removing mustard and other small seeds, sand, etc., from small grain.

As corn cobs and shucks are spouted into the machine, they pass thru an air separation, which removes much of the chaff, silks, husks and light pieces of cob. The heavier particles pass on to the sieves.

As is shown in the illustration herewith, the shaker is made in two parts, which operate by a separate pair of eccentrics, working opposite to each other. The corn shucks and cob, in passing from one shaker to the other, must pass over steel rods of different lengths, and then drop several inches. This serves to shake up the mass of shucks and cobs, so as to allow any corn which may have tailed over, to drop first to second shaker, and be separated from the shucks and cobs. Sediment does any corn tail over the second shaker with the shucks.

As the corn passes from the screens, it goes thru a large air trunk, and light broken kernels and shrunken grains are removed, so that the corn is bright, clean and free from refuse. The screenings drawn out by the last air separation are caught in a screenings box, the purpose being to save them for feed, and raise the grade of the corn.

This machine has been on the market a number of years, and is said to meet every requirement of the country corn shipper. Additional information may be obtained by addressing Barnard & Leas Mfg. Co., Moline, Ill.



## Feedstuffs

The Wm. Pollock Mfg. & Eltr. Co., of Mexico, Mo., has registered the words "Cow Smile" as Trade Mark No. 57,150 designating its brand of mixed stock feed.

Kansas City during July received 680 tons of bran and shipped 4,080, compared with 800 tons received and 6,240 tons shipped during July, 1910.—E. D. Bigelow, sec'y of the Board of Trade.

The Southern Kansas Millers Commercial Club at Wichita Aug. 9 discussed the advisability of showing on the sale bill the tax of \$1 a car on unmixed feeds and \$5 a car for mixed feeds, that the consumer may learn of this unjust tax.

Baltimore received during July 343 tons of millfeed and shipped none; compared with 958 tons received and none shipped last year.—Jas. B. Hessong, sec'y Chamber of Commerce.

St. Louis received, during July, 67,420 sacks and 34 cars of bran and shipped 252,710 sacks and 620 cars; compared with 87,370 sacks and 51 cars shipped and 219,325 sacks and 329 cars received in July, 1910.—Geo. H. Morgan, sec'y of the Merchants Exchange.

The rate between Chicago, Mississippi river and Missouri river territories and Salt Lake City, Ogden and Provo, Utah, on poultry food such as alfalfa meal, gluten meal, blood meal, clover meal, gluten feed, cut alfalfa, cut clover, grain screenings, millet seed, etc., in packages of minimum carload weights of 30,000 lbs., has been reduced, Chicago, 60c, Mississippi river, 58c, and Missouri river, 48c.

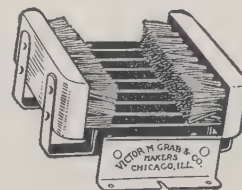
Shippers of mixed cars of feed presented their substitute for the milling in transit rules to the carriers at New York Aug. 9. A change from 3 months to 12 months in the time limit is desired. Every one of the New York roads was represented and the shippers were assured their wishes would be recognized when the new rules are framed to become effective Sept. 1.

The state chemist and commissioner of agriculture of Florida in a recent decision call attention to the pure food law which, among other things, provides that the net weight and measure shall be conspicuously and legibly stated on the outside of all packages of grain, flour and meal on and after Sept. 1, 1911; that printed labels will be allowed on such goods then on hand and which will protect the same until sold.

Feed millers and mixers are interested in plans to make the consumer feel the burden of the state tag and tax laws, as tending to create a public sentiment against this tax. The consumer of a considerable quantity of feed could be made to see that this tax is costing him a large sum of money during a year's time and that the ordinary police power could be extended to cover this adulteration the same as other frauds, at much smaller cost to the community.

We have come to consider the Grain Dealers Journal as a part of our business. It is alive with interesting grain news.—S. H. Riker, mgr. Farmers Eltr. Co., Stockham, Neb.

## GRAB'S POPULAR NOVELTIES

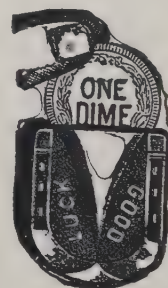


### GRAB'S FOOT SCRAPER

Appeals chiefly to housewives. In the interest of clean houses and sanitation. Cleans the sole by means of ten parallel enameled cleaning plates and brushes sides of shoe at same time. Keeps dust, dirt, mud and germs out of the house. Easily rotated and cleaned or swept under. Fastens on step, walk or any handy place. Lasts a lifetime. Sanitary. Teaches cleanliness. Thousands of them in use both city and country. Price only \$1.00.

### GRAB'S

### Lucky Horse Shoe BANK



A hit with both children and grown-ups. Teaches the saving habit. May be worn on watch

chain or key ring, or carried in pocket. Made of brass heavy nickel-plated. Lasts forever. Opens automatically when 10 dimes are deposited. Cannot be opened otherwise. Price 10 cents, postpaid.



### GRAB'S WONDER LIGHTER

A new and taking novelty just out. Produces a spark which lights all gas and gasoline burners. Each lighter good for 5,000 lights or flashes. Nice to hang on every gas jet in the house. Does away with litter of half burnt matches and prevents unsightly scratching of wall paper or woodwork. Price 10 cents, postpaid.

Write for Best Prices at once

**Victor M. Grab & Co.**

1102 Ashland Block

CHICAGO, ILL.



## Supreme Court Decisions

**Duty to Issue B/L.**—A carrier is compelled to issue to the shipper a B/L for goods intrusted to it for shipment.—*R. W. Williamson & Co. v. Texas & P. Ry. Co.* Court of Civil Appeals of Texas. 138 S. W. 807.

**"Warehousemen."**—A "warehouseman" is one who receives into his warehouse goods and merchandise for storage for hire.—*State v. Minneapolis & St. L. Ry. Co.* Supreme Court of Minnesota. 131 N. W. 1075.

**Transfer of Title.**—Where a buyer from a consignee paid the latter's draft with a E/L attached, the B/L thereafter belonged to the purchaser, tho he did not receive it until subsequently.—*W. B. Johnson & Co. v. Central Vermont Ry. Co.* Supreme Court of Vermont. 79 Atl. 1095.

**Scope of Arbitration.**—An award will not be set aside on the ground that the arbitrators had gone beyond the scope of the reference, where every item allowed to plaintiffs was claimed by them in their statement of claim filed in the suit.—*Corey Coal Co. v. New York & Cleveland Gas Coal Co.* Supreme Court of Pennsylvania. 79 Atl. 812.

**Judgment Against Carrier.**—The consignor of goods which are replevined while in transit is not bound by a judgment against the carrier, altho he has notice of the litigation, where he is not a party, and takes no part in the proceedings.—*Peck v. Merchants' Transfer & Storage Co. of Topeka.* Supreme Court of Kansas. 116 Pac. 365.

**Limitation of Carrier's Liability.**—In general, authority by a shipper to an agent to deliver an article at a carrier's shipping station for shipment carries with it authority to fix a valuation, and to contract with the carrier to limit the latter's liability to a value fixed in the contract.—*Adams Express Co. v. Byers.* Supreme Court of Indiana. 95 N. E. 513.

**Damages for Error of Telegraph Co.**—The validity of a provision printed on a telegram that notice of claim for damages on account of failure to deliver the message must be given within 60 days from the time of transmission is to be determined by the law of the state from which the message was sent.—*Western Union Telegraph Co. v. Ashley.* Court of Civil Appeals of Texas. 137 S. W. 1165.

**Issuance of B/L.**—Though Code Pub. Gen. Laws 1904, art. 14, prohibits issuance of a B/L until the goods are received by the carriers, a B/L reconsigning freight is not void, as affecting the original consignor's right of stoppage in transit, because issued before the freight was received from the initial carrier.—*Baltimore & O. R. Co. v. Rueter.* Court of Appeals of Maryland. 80 Atl. 220.

**Transfer of Corporate Stock.**—Mandamus lies to compel record of a transfer of corporate stock on the corporation's books by the officers. Where there has been a bona fide transfer by indorsement, there is no question to be liquidated as to title, and there is a pure legal right to transfer.—*Amidon v. Florence Farmers' Elevator Co.* Supreme Court of South Dakota. 132 N. W. 166.

**Missouri Hay Inspection Law Void.**—Rev. St. 1909, §§ 6832, 6833, requiring the Board of Railroad and Warehouse Commissioners to supervise the inspection of hay and to make rules for such inspection, if construed to authorize the board to determine the points where hay shall be inspected, is invalid as delegating to the board an exercise of the police power of the state.—*State ex rel Major, Atty Gen., v. Carlisle.* Supreme Court of Missouri. 138 S. W. 518.

**Measure of Damages for Breach of Contract.**—If a purchaser of hay makes a contract for the resale of such hay, and discloses that fact to his vendor, who undertakes to furnish the hay and deliver it at a specified time and place, and his vendor fails to deliver the hay, he will be liable for damages on the basis of the reasonable profits the buyer would have realized from a resale of the hay.—*Trego v. Arave.* Supreme Court of Idaho. 116 Pac. 119.

**Damages for Unfit Seed.**—Tenants in common in a prospective crop have a joint cause of action against one who sells to one of them seed wheat unfit for use, whereby they lose the crop. The measure of damages for a lost crop is the market value of the crop that would have been raised less expenses of producing and harvesting not incurred.—*Fuhrman v. Interior Warehouse Co.* Supreme Court of Washington. 116 Pac. 666.

**Regulation of Commerce.**—A contract by a railway company for through shipment to foreign seaports by way of domestic seaports for a through rate is not controlled by the interstate commerce law (Act Feb. 4, 1887, c. 104, 24 Stat. 379 [U. S. Comp. St. 1901, p. 3154]), even though the rate paid by the railroad for the ocean transportation reduced the inland rate to less than the tariff rate to the domestic seaport.—*St. Louis, S. F. & T. Ry. Co. v. Birge-Forbes Co.* Court of Civil Appeals of Texas. 139 S. W. 3.

**"Calls."**—A contract looking to the sale and future delivery of wheat known as a "call," is not an option for a purchase, but is only a contract for a contract for the purchase and sale of wheat, and is not within Rev. St. 1909, §4780, prohibiting all purchases and sales or contracts for the purchase and sale of grain, either on margin or otherwise, without any intention of receiving and paying for the property bought or of delivering the property sold.—*Taylor v. Sebastian.* St. Louis Court of Appeals, Missouri. 138 S. W. 549.

**Speculative Contract.**—Rev. St. 1909, § 4780, declares unlawful all purchases and sales of grain either on margin or otherwise without any intention of delivering, receiving, and paying for the same. Section 4781 provides that such offense shall be complete whether or not the offer is accepted; and section 4785 makes all contracts made in violation of the preceding sections gambling transactions and void. Held that, if either party has no intention of delivering or receiving, the contract is void.—*Taylor v. Sebastian.* St. Louis Court of Appeals, Missouri. 138 S. W. 549.

**Requisites of Contract.**—Where defendant's agent, having agreed with plaintiff, a produce buyer and shipper, on the price of apples, told plaintiff that defendant would take as many as plaintiff could load and ship, and in response to plaintiff's inquiry, "What does that mean, suppose I load and ship 15 or 20 cars?" said they wanted all the apples they could get, and the two agreed on the manner of payment, this did not constitute a valid binding contract on the defendant to accept and pay for any number of car loads of apples, or to accept and pay for at least 15 car loads, nor did it become binding as to car loads bought by the plaintiff for shipment before receipt of a telegram advising him that defendant would accept no more, which car loads he offered to ship after the telegram.—*Plumb v. J. W. Hallauer & Sons Co.* Supreme Court of New York. 130 N. Y. Supp. 147.

**Draft Based on Forged B/L.**—Dealers in Alabama contracted to sell 100 bales of cotton to plaintiffs in Liverpool, and made a draft on plaintiffs' bank and authorized agent in Liverpool, payable to their order, "value received, and charge the same to R. S. M. I. 100 bales of cotton;" what purported to be a B/L for such cotton being attached. The draft and accompanying papers were indorsed to defendant bank, and were by it presented to and accepted generally, and paid by plaintiffs' bank, acting in the belief, as did defendant, that the B/L was genuine. It was in fact a forgery, and no cotton was

shipped. Neither plaintiffs nor their bank relied on the credit of the drawers, but on the B/L. Held, that the acceptance and payment of the draft was conditional on the genuineness of the B/L and that plaintiffs were entitled to recover the amount from defendant as having been paid by mistake.—*Hannay v. Guaranty Trust Co. of New York.* U. S. Circuit Court, Southern District of New York. 187 Fed. 686.

**Claim Against Telegraph Co. Need not be Filed in 90 Days.**—Rev. St. 1895, art. 3379, as amended in 1907 (Laws 1907, c. 129), provides that no stipulation in any contract requiring notice to be given of any claim for damages as a condition to the right to sue thereon shall be valid, unless reasonable, and that any such stipulation, fixing the time for giving notice at a less period than 90 days, shall be void. Held, that the 90-day period prescribed by such section should be computed from the time the cause of action arose; and hence a stipulation in a contract for the transmission and delivery of a telegram, that notice of a claim for damages must be made within 90 days after the message is "filed with the company for transmission," was void, both as requiring the filing of notice before the expiration of 90 days from the date of the company's default, and also as giving less than 90 days, by requiring that notice shall be filed "within" that period.—*Taber v. Western Union Telegraph Co.* Supreme Court of Texas. 137 S. W. 106.

**Forged Collateral.**—Plaintiffs agreed to accept and sell a shipment of cotton and to advance 85 per cent of its value pending sale on the shipper's draft for that amount. A draft with a B/L and insurance policy attached, covering 600 bales of cotton and drawn on plaintiffs to the credit of the shipper's home bank for \$39,000, was delivered to such bank and discounted, and after indorsement was sent to defendant bank for collection. The draft contained no reference to the papers attached to it and on presentation to plaintiffs was accepted and paid to defendant bank and the proceeds promptly remitted to the bank of discount, after which plaintiffs discovered that the B/L were forgeries and the shippers had been adjudicated bankrupt. Held, that neither the bank of discount nor defendant was under any obligation, before discounting or presenting the draft, to determine the validity of the papers securing it, nor did they, by indorsing the draft before presentment for acceptance, guarantee the validity of the B/L attached as security, the burden resting on plaintiff to determine the validity of the bill before accepting the draft, and, there being no defect in the draft itself, plaintiff could not recover the money from defendant bank as money paid under a mistake of fact.—*Springs v. Hanover Nat. Bank of City of New York.* Supreme Court of New York. 130 N. Y. Supp. 87.

### "Good No. 3" is Better than No. 3.

In recent arbitration between Jas. C. Hunt Grain Co., of Wichita Falls, v. Early Grain & Elevator Co., of Amarillo, Tex., the arbitration committee of the Texas Grain Dealers Ass'n, composed of A. B. Crouch, Bert K. Smith and R. T. Dorsey was of opinion "that plaintiff, in selling, should have confirmed to the Howe Grain & Mercantile Co. 'No. 3 or better,' and not 'Good No. 3 or better.' We are of opinion that car of maize may grade 'No. 3 or better,' and still not meet the requirement 'Good,' sound and clean, as was specified by Howe Grain & Mercantile Co., when the car was purchased from plaintiff."

Plaintiff J. C. Hunt Grain Co. purchased two cars of bulk milo maize, confirmed as No. 3 or better, and resold to Howe Grain & Mercantile Co. at Howe, Tex., confirming as "Good No. 3 or better" and the latter confirmed as "Good, sound, clean milo maize."

On arrival at Howe claim was made that it was not up to contract, and a bill was rendered for \$28.27, covering cleaning charge, telegrams and protest fee. The committee gave judgment in favor of defendant, but declined to allow his claim for cost of telegrams.

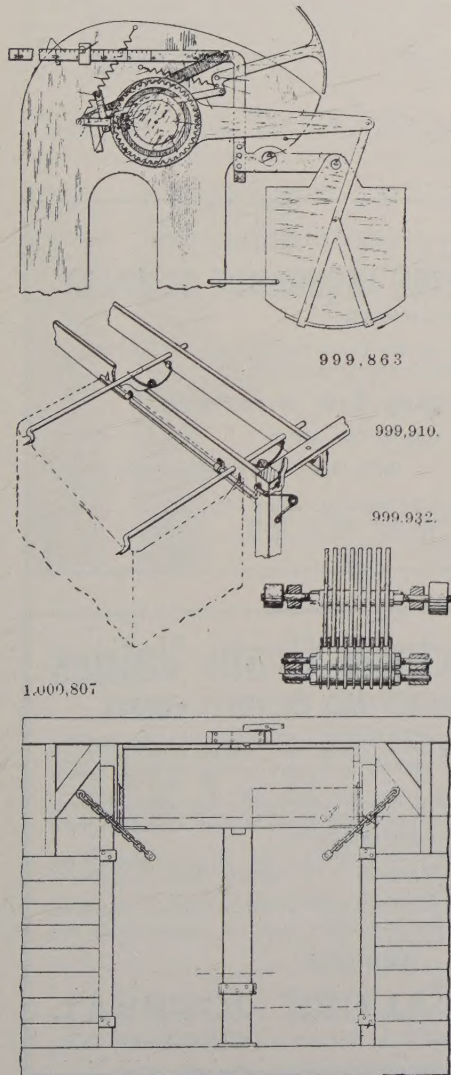


## Patents Granted

**Hay Grinder.** No. 999,932. (See cut.) Geo. Wetterhold, Wichita, Kan. The combination of a frame having mounted thereon a shaft, the shaft having mounted alternately thereon rectangular bars and spacing washers, right and left hand jam nuts on the shaft to clamp the washers and bars upon the shaft, parallel shafts mounted on the frame adjacent to the shaft aforesaid and cutters pivotally mounted upon one of the parallel shafts, each of the cutters having a slot on its under side, the wall of which is adapted to contact with the other parallel shaft.

**Grain Weighing Machine.** No. 999,863. (See cut.) Edgar H. Pool, Yorkville, Ill. The combination with a grain supply chute, a supply valve, a drive shaft, a pinion on the shaft and a scale beam, of a grain hopper suspended on the scale beam and adapted to receive the grain from the chute, a discharge valve for the hopper, a lever connected with the discharge valve, a gear on the lever adapted to be engaged by the pinion, a trip bar connected with the scale beam, an extension on the lever adapted to engage the bar and means adapted to be operated by the extension for opening the supply valve.

**Bag Holder.** No. 999,910. (See cut.) James Thompson, Greeley, Colo. In combination with a supporting frame a bag holder comprising rods slidably mounted



upon the frame and subjected to spring tension, the rods having at their ends prongs, a shaft journaled for rotation upon the frame and having prongs, the shaft being provided at one end with an angularly disposed extremity adapted to lie in the path of movement of the angularly disposed extremity of the shaft and a spring connected at one end with the frame and bearing at its other end against the catch and adapted to normally hold the angularly disposed extremity of the catch in the path of movement of the angularly disposed extremity of the shaft.

**Grain Door.** No. 1,000,807. (See cut.) John Henry, Grand Forks, N. D. The combination of a car body having a door opening and door posts equipped with rabbets, and also having a socket located intermediate the posts; an upright bar movable vertically into and out of the socket and having a comparatively wide outer portion, an upwardly extending and notched inner portion and an upwardly extending outer portion spaced from the inner portion; a vertically swinging bar held against outward movement by the posts and constructed to seat between the upwardly extending portions of the upright bar and having a projection to seat in the notch of the inner portion and also having arms pivoted to the posts, vertically movable doors that bear outward against the posts, the outer wide portion of the upright bar and the vertically swinging bar, and are arranged in the rabbets of the posts, and keepers on the posts and other keepers on the upright bar and arranged in a different horizontal plane from those of the posts, for holding the doors against the posts and the wide portion of the upright bar.

### Planting Rye for Fall Pasturage Sure to Cause Trouble.

The farmers of many drouth stricken districts have been prompted by August showers to plant various forage crops to piece over until another season brings them a chance to grow corn and oats. The farmers of the Southwest have been particularly active along this line and many have been planting rye.

Secy. C. F. Prouty of the Oklahoma Ass'n. fearing for the results has issued a circular warning against the results from which we take the following:

"I understand through dealers in seeds that there is quite an active demand for rye grain to be sown for fall and winter pasture.

"Rye is probably the worst affected, of all cereals, by Ergots—the bad effects of which are well known to all breeders and handlers of dairy stock.

"The greatest danger, however, is the succeeding crops of wheat, next year or even two or three years later, are almost certain to have some rye mixed in the crop.

"Shippers who sell wheat—either hard or soft—know what a little rye mixture means. Millers do not want it at any price. Rye is dark colored, and a slight rye mixture with the wheat would seriously affect the color of the flour. As a result, wheat slightly rye mixed must be sold at from two to five cents lower price."

I feel I can not get along without the Grain Dealers Journal, as it contains so much news of great benefit to grain dealers.—Scott Jordan, Mill Creek, Ill.

The House of Representatives passed the farmers' free-list bill in the same form as the Senate passed it, limiting the free importation of meat and bread and foodstuffs to that shipped across from Canada. The measure was at once vetoed by the President.

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## An Elevator Saved by Lightning Rods.

Grain elevator owners, whose plants are not covered with iron, will be pleased to learn of the experience of an elevator company at Delavan, Ill., whose house was recently saved from destruction by lightning, while another Illinois plant was burned to the ground. So many grain elevators have been struck by lightning during recent months, it would seem advisable for more elevator owners to take advantage of the generous offer of the mutual fire insurance company's making a specialty of this class of risks, and claim the allowance on their rate, for elevators equipped with lightning rods.

In reporting the loss, the manager of the elevator wrote as follows:

Grain Dealers National Fire Ins. Co., Indianapolis, Ind.  
Gentlemen:

Lightning struck our grain elevator during a rain storm Aug. 7th at 4:30 a. m. Our lightning rods carried off most of the current. The bolt made a hole larger than a bucket in the ground where it left the rod. Mud was splashed up 20 ft. high on the side of the elevator. Evidently one bolt of lightning ran down inside of house between bins, splintered the siding down to drive way, and went out thru siding, making a hole much the same as would be made by a shot gun discharged at close range. From there the bolt followed a 4x6, which had been covered with tin, for about 15 ft. The tin was torn loose in several places. From the tin, the bolt jumped to the exhaust pipe of the engine, and went into the ground. The damage done was slight. The house was rodged last April. We can find no trace of where bolt entered building. The house is protected by 5 lightning rods, 321 ft. of copper cable having been used. This cable is held close to the house by staples, no insulators being used. No marks are on the house near the rod, so we are at a loss to understand where the current entered the house. Our bins are full of oats.

FARMERS ELEVATOR CO.,  
H. B. Price, Mgr., Delavan, Ill.

This is truly a very interesting case, and helps to emphasize the advantages

of lightning rods. Other elevator owners whose houses are so protected, should give the trade advantage of their experience, should lightning strike their elevator.

The insurance companies are even more eager to reduce the fire losses caused by lightning than the property owners seem to be, and some of the companies are offering a credit off of the basis rate of 10c, for houses properly equipped with lightning rods. We learn best by experience, and if someone else pays the bill for the experience, we are more willing to learn, but by degrees fire insurance underwriters and property owners are gaining confidence in lightning rods properly installed, which the lightning rod swindler of 30 years ago destroyed.

## WHAT A MAN OF 45 OUGHT TO KNOW.

—By Sylvanus Stall, D. D., Vir Publishing Co., 1134 Real Estate Trust Building, Philadelphia, 284 pp. Price, \$1.00.

It has been aptly said that a man at forty-five is either a fool or a physician. In the earlier books of this Self and Sex Series, the author, Sylvanus Stall, D. D., associate editor of the Lutheran Observer, has sought to save young boys, young men and young husbands from mistakes which can only be avoided by intelligence. Few men know that great physical changes await them at middle life. Perhaps it may be truthfully said that men of forty-five are as ignorant of the nature of the changes through which they are passing as boys at the period of adolescence. In the book, Dr. Stall, in that honest, frank and fearless, but pure and matchless way which distinguishes the earlier books of the series, sets forth the character of the changes which occur in the physical life of both men and women. The author makes out a clear case; apprises laymen of what all intelligent physicians admit; prepares his readers to solve the mysteries of those changes and by intelligence to escape the sad consequences of ignorance. To many men the guidance of this book will be a timely benediction.

## Books Received

**COMMERCIAL FERTILIZERS** is a pamphlet of 105 pages giving analyses of all fertilizers sold in Indiana. Bull. 151, Purdue University Agri. Exp. Sta., Lafayette, Ind.

**TIMOTHY RUST** is described, its distribution marked out and suggestions for its prevention are made by Edward C. Johnson in Bull. 224 of the Bureau of Plant Industry, U. S. Dept. of Agri., Washington.

**WHEAT EXPERIMENTS.**—No wheat grower in the Ohio Valley should be without the information contained in the latest bulletin of the Ohio Agricultural Experiment Station, reporting the work of testing different varieties of wheat during the past 13 years. These tests have been very thorough, embracing 287 different named varieties and going into milling and baking qualities as well as weight per bu., yield per acre, average date of ripening, relation of size of kernel to yield and quantity of seed per acre. While recommending the use of the fanning mill to take out weed seeds the station declares 7 years' tests showed the yield per acre was not increased by sowing only the larger seeds. This result is opposed to the claims by officials of one of the southern states that use of the larger seed increased the yield 4 bus. per acre, and agrees with experiments by Montgomery of the Nebraska station who found that "after 8 years' continuous selection by the fanning mill, it was not possible by careful examination to note a difference in either the quality or quantity of the crop produced from light and heavy seed." The lazy farmer will be glad to learn that separating the heavy seed is not worth the bother; and the miserly grower will be tickled to know he can sell his heavy wheat and keep the light stuff for seed (?). Among the 10 highest yielding varieties of wheat are some poor milling quality. All qualities considered, the varieties taking highest rank are Valley, 39.78 bus. per acre; Nigger, 38.68; Gypsy, 38.45; Hickman, 40.60; and Perfection, 40.37. Eight pecks of seed per acre gave greater returns than any other rate of seeding; and the greatest and most profitable increase in yield per acre was obtained by good systems of rotation. Bulletin 231, Ohio Agri. Exp. Sta., Wooster, O.

It has been so dry in Virginia that we expect to send a lot of hay there.—Thos. A. Sommers, Washington, D. C.

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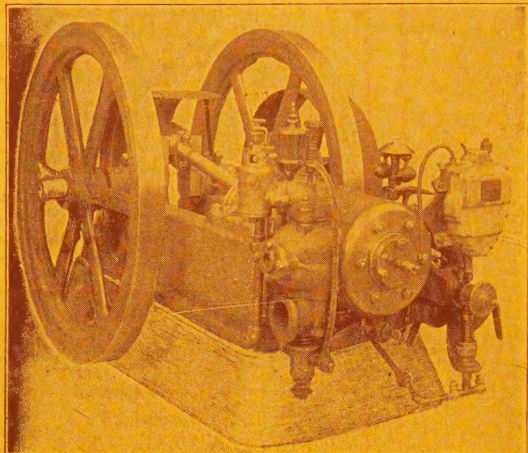
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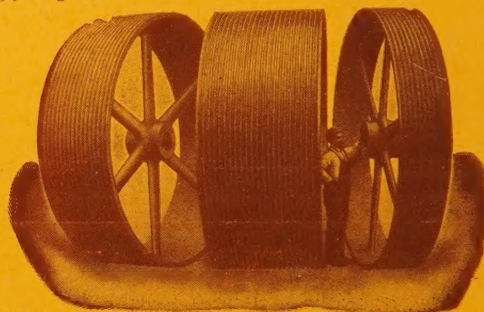
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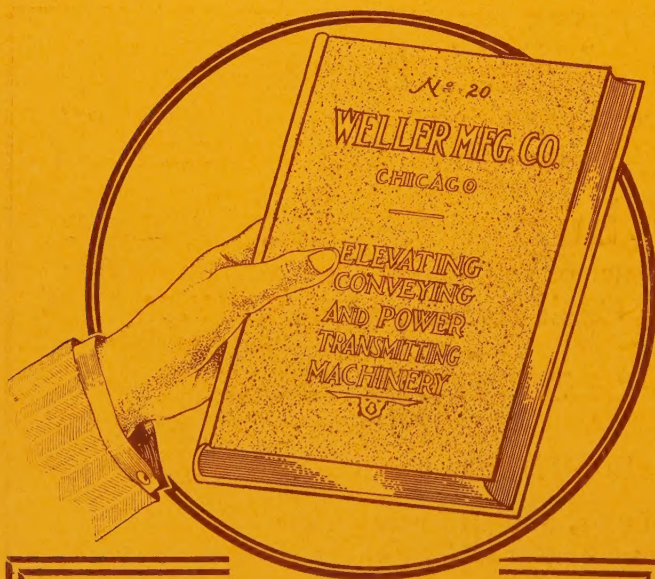
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